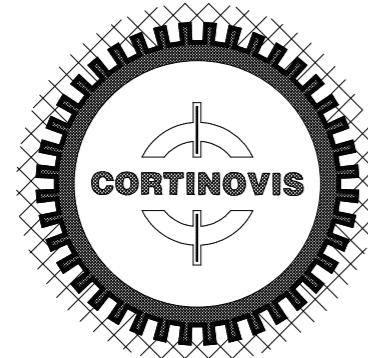


**RIGID STRANDING COMM. 19068  
1+6+12+18+24 B/630**

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	TITLE	DW0057070014 C.19068	= DOC
			Dis.to	MF					+ FOGLIO Segue
Revisione	Data	Nome	NORME	IEC-CEI					1 2



# CORTINOVIS S.p.A.

VIA ZANICA, 87  
24100 BERGAMO (ITALY)  
TEL: (035)313211 - FAX: (035)312523

COMMessa :	C.19068	INIZIO PROGETTO :	26.Gen.2007
ORDER :		ELABORED :	
NUMERO DISEGNO :	DW0057070014	ULTIMA MODIFICA :	24.Apr.2007
DRAWING NUMBER :		LAST RELEASE :	
CLIENTE :	GSV KAMKABEL - RUSSIA	INIZIO COLLAUDO :	
CUSTOMER :		START-UP :	
DESCRIZIONE LINEA :	RIGID STRANDING COMM. 19068	FINE COLLAUDO :	
LINE DESCRIPTION :	1+6+12+18+24 B/630	END OF START-UP :	
PROGETTISTA :	MF	INIZIO COMMISSIONING :	
PROJECT ENGINEER :		LINE COMMISSIONING START :	
DISEGNATORE :	MF	FINE COMMISSIONING :	
DRAWN BY :		LINE COMMISSIONING END :	

		Data	26.Gen.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	LINE DESCRIPTION	DW0057070014 C.19068	= DOC
		Dis.to	MF					+
Revisione	Data	Nome	NORME	IEC-CEI				FOGLIO 2 Segue 3

			DATI GENERALI GENERAL NOTES				
CIRCUITI CIRCUITS		VOLTAGE	COLOUR IEC 204-1 CEI 44-5	COLORE DEL QUADRO ELETTRICO COLOUR OF CABINET			
POTENZA POWER		400V	BLACK	INTERNO INSIDE		ESTERNO OUTSIDE	
AUSILIARI C.A. A.C. AUXILIARY		220V	RED				
AUSILIARI C.C. D.C. AUXILIARY		24V	BLUE	RAL	7035	RAL	7035
CIRCUITI ESTERNI EXTERNAL INTERLOCK CIRCUITS		<50KA	ORANGE				
TERRA EARTH		PE	YELLOW-GREEN				
CAVO CABLE	CEI 2020 <input type="checkbox"/>			GRADO DI PROTEZIONE: DEGREE OF PROTECTION:			
CEI 2022 <input type="checkbox"/>				IP54			
APPARECCHIATURA COSTRUITA SECONDO LE EQUIPEMENT MANUFACTURED IN SPECIFICATION TO		IEC 204-1 / EN 60 204-1 / CEI 44-5					

TARGHETTA DATI TECNICI  
TECHNICAL DATA PLATE

	BFM AUTOMAZIONE			
			Via Copernico 44/B Casconi di Gariga 29027 Podenzano (PC)	
ALIMENTAZIONE MAIN SUPPLY	400V	FREQUENZA FREQUENCY	50 HZ	
CORRENTE A PIENO CARICO RATED CURRENT	910 AXXXXX	TENSIONE AUSILIARI CA AC AUXILIARY VOLTAGE	220V	
ANNO DI FABBRICAZIONE MANUFACTURED	2007	TENSIONE AUSILIARI CC DC AUXILIARY VOLTAGE	24 V	
COMMessa BFM BFM ORDER	070014	COMMessa CUSTOMER ORDER	C.19068	

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### Sheets Index

FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.	FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.
=DOC/1	TITLE		=DOC/20.3	MARKING, DESIGNATION	
=DOC/2	LINE DESCRIPTION		=DOC/25	SYMBOLS	
=DOC/3	TECNICAL DATA		=DOC/25.1	SYMBOLS	
=DOC/10	INDEX		=DOC/25.2	SYMBOLS	
=DOC/10.1	INDEX		=DOC/25.3	SYMBOLS	
=DOC/10.2	INDEX		=DOC/25.4	SYMBOLS	
=DOC/10.3	INDEX		=DOC/25.5	SYMBOLS	
=DOC/10.4	INDEX		=DOC/25.6	SYMBOLS	
=DOC/10.5	INDEX		=DOC/25.7	SYMBOLS	
=DOC/10.6	INDEX		=DOC/25.8	SYMBOLS	
=DOC/10.7	INDEX		=DOC/25.9	SYMBOLS	
=DOC/10.8	INDEX		=DOC/30	MACHINE LAY-OUT	
=DOC/10.9	INDEX		=DOC/31	KINEMATIC DIAGRAM	
=DOC/11	INDEX		=DOC/50	CABINET LAYOUT	
=DOC/20	MARKING, DESIGNATION		=DOC/50.1	CABINET LAYOUT	
=DOC/20.1	MARKING, DESIGNATION		=DOC/50.2	CABINET LAYOUT	
=DOC/20.2	MARKING, DESIGNATION		=DOC/51	CABINET LAYOUT	

## INDICE FOGLI

### Sheets Index

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=DOC/51.1	CABINET LAYOUT		=FEED+MCB1/101	GENERAL CIRCUIT BREAKERS	
=DOC/51.2	CABINET LAYOUT		=FEED+MCB1/102	230VAC AUXILIARY SUPPLY	
=DOC/51.3	CABINET LAYOUT		=FEED+MCB1/104	UNDERVOLTAGE RELEASE	
=DOC/51.4	CABINET LAYOUT		=FEED+MCB1/107	LOADERS 24VDC SUPPLY UNIT	
=DOC/51.5	CABINET LAYOUT		=FEED+MCB1/108	POWER DC UPS 40A	
=DOC/54	DESK UNITS LAYOUT		=FEED+MCB1/109	24V DC POWER UNIT	
=DOC/55	DESK UNITS LAYOUT		=FEED+MCB1/109.1	24V DC POWER UNIT	
=DOC/56	LOCAL PANEL PAY OFF LAYOUT		=FEED+MCB1/112	230VAC AUXILIARY SUPPLY	
=DOC/58	LOCAL PANEL TAKE UP LAYOUT		=FEED+MCB1/112.1	230VAC AUXILIARY SUPPLY	
=DOC/59.1	LOCAL PANEL TAKE UP LAYOUT		=FEED+MCB1/113	230VAC AUXILIARY SUPPLY	
=DOC/60	GIELE00167 - CSP -CAP.dwg		=FEED+MCB1/115	230VAC AUXILIARY SUPPLY	
=DOC/61	GIELE00019 - DBF - DBL.dwg		=FEED+MCB1/116	EL.CABINET FANS	
=DOC/62	GIELE00032-FSF.dwg		=FEED+MCB1/119	AIR CONDITIONER	
=DOC/63	GIELE00137 - FFOG6_12_18_24.dwg		=FEED+MCB1/125	EMERGENCY LINE	
=DOC/65	GIELE00051 - CAP.dwg		=FEED+MCB1/126	EMERGENCY SAFETY RELAIS	
=DOC/75	MCB1 PLATES		=FEED+MCB1/130	AUXILIARY SUPPLY	
=DOC/80	COMMUNICATION LAYOUT		=FEED+MCB1/136	AUXILIARY	

## INDICE FOGLI

### Sheets Index

FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.	FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.
=FEED+MCB1/137	AUXILIARY		=FEED+MCB1/193	DIGITAL OUTPUTS SPARE	
=FEED+MCB1/140	DRIVES FEEDER		=FEED+MCB1/194	DIGITAL OUTPUTS SPARE	
=FEED+MCB1/141	INVERTERS FEEDING BRAKING UNIT		=FEED+MCB1/195	DIGITAL OUTPUTS SPARE	
=FEED+MCB1/150	TS ADAPTER - REPEATER		=PAYOFF+MCB1/213	TRAVERSE MOTOR	
=FEED+MCB1/151	PLC RACK		=PAYOFF+MCB1/218	DIGITAL INPUTS	
=FEED+MCB1/151.1	PLC RACK		=CAGE06+MCB1/305	AC MOTORS	
=FEED+MCB1/151.2	PLC RACK INDEX		=CAGE06+MCB1/306	AC MOTORS	
=FEED+MCB1/173	OPERATOR PANEL		=CAGE06+MCB1/311	CAGE MOTOR	
=FEED+MCB1/175	DIGITAL INPUTS		=CAGE06+MCB1/320	DIGITAL INPUTS	
=FEED+MCB1/176	DIGITAL INPUTS		=CAGE06+MCB1/330	AC MOTOR COMMAND	
=FEED+MCB1/177	DIGITAL INPUTS		=CAGE06+MCB1/332	DIGITAL OUTPUTS SPARE	
=FEED+MCB1/178	DIGITAL INPUTS		=CAGE06+MCB1/335	LOADER REMOTE CONTROL SUPPLY	
=FEED+MCB1/179	DIGITAL INPUTS SPARE		=CAGE06+MCB1/336	LOADER INTERCONNECTION	
=FEED+MCB1/180	DIGITAL INPUTS SPARE		=CAGE06+MCB1/340	SUPPLY DISTRIBUTION	
=FEED+MCB1/181	DIGITAL INPUTS SPARE		=CAGE06+LCP1/351	SUPPLY DISTRIBUTION	
=FEED+MCB1/182	DIGITAL OUTPUTS		=CAGE06+LCP1/356	ET200M	
=FEED+MCB1/183	DIGITAL OUTPUTS		=CAGE06+LCP1/356.1	ET200M	

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## Sheets Index

FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.	FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.
=CAGE06+LCP1/357.1	PLC KAF		=CAGE06+LCP1/390	DIGITAL OUTPUTS	
=CAGE06+LCP1/359	ANALOG OUTPUT		=CAGE12+MCB1/405	AC MOTORS	
=CAGE06+LCP1/361	DIG. INP/OUT DIE STAND		=CAGE12+MCB1/406	AC MOTORS	
=CAGE06+LCP1/362	DIGITAL INPUTS		=CAGE12+MCB1/407	AC MOTORS	
=CAGE06+LCP1/363	DIGITAL INPUTS		=CAGE12+MCB1/411	CAGE MOTOR	
=CAGE06+LCP1/364	DIGITAL INPUTS		=CAGE12+MCB1/412	PREFORMING MOTOR	
=CAGE06+LCP1/365	DIGITAL INPUTS		=CAGE12+MCB1/420	DIGITAL INPUTS	
=CAGE06+LCP1/366	DIGITAL INPUTS		=CAGE12+MCB1/430	AC MOTOR COMMAND	
=CAGE06+LCP1/367	DIGITAL INPUTS		=CAGE12+MCB1/432	DIGITAL OUTPUTS SPARE	
=CAGE06+LCP1/368	DIGITAL INPUTS		=CAGE12+MCB1/435	LOADER REMOTE CONTROL SUPPLY	
=CAGE06+LCP1/375	DIGITAL INPUTS		=CAGE12+MCB1/436	LOADER INTERCONNECTION	
=CAGE06+LCP1/382	DIGITAL OUTPUTS		=CAGE12+MCB1/440	SUPPLY DISTRIBUTION	
=CAGE06+LCP1/383	DIGITAL OUTPUTS		=CAGE12+LCP2/451	SUPPLY DISTRIBUTION	
=CAGE06+LCP1/384	DIGITAL OUTPUTS		=CAGE12+LCP2/456	ET200M	
=CAGE06+LCP1/386	DIGITAL OUTPUTS		=CAGE12+LCP2/456.1	ET200M	
=CAGE06+LCP1/387	DIGITAL OUTPUTS		=CAGE12+LCP2/457.1	ET200M	
=CAGE06+LCP1/388	DIGITAL OUTPUTS		=CAGE12+LCP2/459	ANALOG OUTPUT	

## INDICE FOGLI

## Sheets Index

FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.	FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.
=CAGE12+LCP2/461	DIG. INP/OUT DIE STAND		=CAGE18+MCB1/506	AC MOTORS	
=CAGE12+LCP2/462	DIGITAL INPUTS		=CAGE18+MCB1/507	AC MOTORS	
=CAGE12+LCP2/463	DIGITAL INPUTS		=CAGE18+MCB1/511	CAGE MOTOR	
=CAGE12+LCP2/464	DIGITAL INPUTS		=CAGE18+MCB1/512	PREFORMING MOTOR	
=CAGE12+LCP2/465	DIGITAL INPUTS		=CAGE18+MCB1/520	DIGITAL INPUTS	
=CAGE12+LCP2/466	DIGITAL INPUTS		=CAGE18+MCB1/530	AC MOTOR COMMAND	
=CAGE12+LCP2/467	DIGITAL INPUTS		=CAGE18+MCB1/532	DIGITAL OUTPUTS SPARE	
=CAGE12+LCP2/468	DIGITAL INPUTS		=CAGE18+MCB1/535	LOADER REMOTE CONTROL SUPPLY	
=CAGE12+LCP2/475	DIGITAL INPUTS		=CAGE18+MCB1/536	LOADER INTERCONNECTION	
=CAGE12+LCP2/482	DIGITAL OUTPUTS		=CAGE18+MCB1/540	SUPPLY DISTRIBUTION	
=CAGE12+LCP2/483	DIGITAL OUTPUTS		=CAGE18+LCP3/551	SUPPLY DISTRIBUTION	
=CAGE12+LCP2/484	DIGITAL OUTPUTS		=CAGE18+LCP3/556	ET200M	
=CAGE12+LCP2/486	DIGITAL OUTPUTS		=CAGE18+LCP3/556.1	ET200M	
=CAGE12+LCP2/487	DIGITAL OUTPUTS		=CAGE18+LCP3/557.1	ET200M	
=CAGE12+LCP2/488	DIGITAL OUTPUTS		=CAGE18+LCP3/559	ANALOG OUTPUT	
=CAGE12+LCP2/490	DIGITAL OUTPUTS		=CAGE18+LCP3/561	DIG. INP/OUT DIE STAND	
=CAGE18+MCB1/505	AC MOTORS		=CAGE18+LCP3/562	DIGITAL INPUTS	

## INDICE FOGLI

## Sheets Index

FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.	FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.
=CAGE18+LCP3/563	DIGITAL INPUTS		=CAGE24+MCB1/607	AC MOTORS	
=CAGE18+LCP3/564	DIGITAL INPUTS		=CAGE24+MCB1/611	CAGE MOTOR	
=CAGE18+LCP3/565	DIGITAL INPUTS		=CAGE24+MCB1/612	PREFORMING MOTOR	
=CAGE18+LCP3/566	DIGITAL INPUTS		=CAGE24+MCB1/620	DIGITAL INPUTS	
=CAGE18+LCP3/567	DIGITAL INPUTS		=CAGE24+MCB1/630	AC MOTOR COMMAND	
=CAGE18+LCP3/568	DIGITAL INPUTS		=CAGE24+MCB1/632	DIGITAL OUTPUTS SPARE	
=CAGE18+LCP3/569	DIGITAL INPUTS		=CAGE24+MCB1/635	LOADER REMOTE CONTROL SUPPLY	
=CAGE18+LCP3/570	DIGITAL INPUTS		=CAGE24+MCB1/636	LOADER INTERCONNECTION	
=CAGE18+LCP3/582	DIGITAL OUTPUTS		=CAGE24+MCB1/640	SUPPLY DISTRIBUTION	
=CAGE18+LCP3/583	DIGITAL OUTPUTS		=CAGE24+LCP4/651	SUPPLY DISTRIBUTION	
=CAGE18+LCP3/584	DIGITAL OUTPUTS		=CAGE24+LCP4/656	ET200M	
=CAGE18+LCP3/586	DIGITAL OUTPUTS		=CAGE24+LCP4/656.1	ET200M	
=CAGE18+LCP3/587	DIGITAL OUTPUTS		=CAGE24+LCP4/657.1	ET200M	
=CAGE18+LCP3/588	DIGITAL OUTPUTS		=CAGE24+LCP4/659	ANALOG OUTPUT	
=CAGE18+LCP3/590	DIGITAL OUTPUTS		=CAGE24+LCP4/661	DIG. INP/OUT DIE STAND	
=CAGE24+MCB1/605	AC MOTORS		=CAGE24+LCP4/662	DIGITAL INPUTS	
=CAGE24+MCB1/606	AC MOTORS		=CAGE24+LCP4/663	DIGITAL INPUTS	

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## Sheets Index

FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.	FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.
=CAGE24+LCP4/664	DIGITAL INPUTS		=CAPSTAN+MCB1/716	METERCOUNTER	
=CAGE24+LCP4/665	DIGITAL INPUTS		=CAPSTAN+MCB1/718	DIGITAL INPUTS	
=CAGE24+LCP4/666	DIGITAL INPUTS		=CAPSTAN+MCB1/730	AC MOTOR COMMAND	
=CAGE24+LCP4/667	DIGITAL INPUTS		=CAPSTAN+MCB1/732	DIGITAL OUTPUTS SPARE	
=CAGE24+LCP4/668	DIGITAL INPUTS		=TAKEUP+MCB1/911	BOBBIN MOTOR	
=CAGE24+LCP4/669	DIGITAL INPUTS		=TAKEUP+MCB1/913	TRAVERSE MOTOR	
=CAGE24+LCP4/670	DIGITAL INPUTS		=TAKEUP+MCB1/921	AUXILIARY SUPPLY	
=CAGE24+LCP4/675	DIGITAL INPUTS		=TAKEUP+MCB1/922	DIGITAL INPUTS	
=CAGE24+LCP4/682	DIGITAL OUTPUTS		=TAKEUP+MCB1/923	DIGITAL INPUTS	
=CAGE24+LCP4/683	DIGITAL OUTPUTS		=TAKEUP+MCB1/925	DIGITAL OUTPUTS	
=CAGE24+LCP4/684	DIGITAL OUTPUTS		=TAKEUP+MCB1/935	SUPPLY DISTRIBUTION	
=CAGE24+LCP4/686	DIGITAL OUTPUTS		=TAKEUP+MCB3/941	SUPPLY DISTRIBUTION	
=CAGE24+LCP4/687	DIGITAL OUTPUTS		=TAKEUP+MCB3/944	AC MOTORS	
=CAGE24+LCP4/688	DIGITAL OUTPUTS		=TAKEUP+MCB3/945	AC MOTORS	
=CAGE24+LCP4/690	DIGITAL OUTPUTS		=TAKEUP+MCB3/947	AC MOTOR COMMAND	
=CAPSTAN+MCB1/705	AC MOTORS		=TAKEUP+MCB3/948	AC MOTOR COMMAND	
=CAPSTAN+MCB1/711	CAPSTAN MOTOR		=TAKEUP+MCB3/951	ET200S	

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FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.	FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.
=TAKEUP+MCB3/951.1	ET200S		=X/1015	+MCB1-PVDM	
=TAKEUP+MCB3/959	TRAVERSE ENCODER		=X/1016	+MCB1-FFO06	
=TAKEUP+MCB3/961	DIGITAL INPUTS		=X/1017	+MCB1-FFO12	
=TAKEUP+MCB3/962	DIGITAL INPUTS		=X/1018	+MCB1-FFO18	
=TAKEUP+MCB3/964	DIGITAL INPUTS		=X/1019	+MCB1-FFO24	
=TAKEUP+MCB3/968	DIGITAL INPUTS		=X/1020	TAKEUP OP.PAN.	
=TAKEUP+MCB3/969	DIGITAL INPUTS		=X/1021	+MCB1-FFO06M1	
=TAKEUP+MCB3/981	DIGITAL OUTPUTS		=X/1022	+MCB1-FFO06M2	
=TAKEUP+MCB3/982	DIGITAL OUTPUTS		=X/1023	+MCB1-FFO12M1	
=X/1001	TERMINAL STRIP INDEX		=X/1024	+MCB1-FFO12M2	
=X/1001.1	TERMINAL STRIP INDEX		=X/1025	+MCB1-FFO18M1	
=X/1001.2	TERMINAL STRIP INDEX		=X/1026	+MCB1-FFO18M2	
=X/1010	+MCB1-CAP		=X/1027	+MCB1-FFO24M1	
=X/1011	+MCB1-CMP		=X/1028	+MCB1-FFO24M2	
=X/1012	+MCB1-CSP		=X/1029	+MCB1-LOAD06	
=X/1013	MAIN CONTROL DESK		=X/1030	+MCB1-LOAD12	
=X/1014	+MCB1-PVD		=X/1031	+MCB1-LOAD18	

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FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.	FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.
=X/1032	+MCB1-LOAD24		=X/1048	+MCB3-CAP_PB1	
=X/1033	+MCB1-XUPS		=X/1049	+MCB3-CAP_PB2	
=X/1034	+MCB1-DBL12		=X/1050	+OPC-OPC	
=X/1035	+MCB1-DBL18		=X/1051	+CAP_OPC-CAP_OPC	
=X/1036	+MCB1-DBL24		=X/1052	+LCP1-FSF	
=X/1037	+MCB3-CAP		=X/1053	+LCP1-FF006	
=X/1037.1	+MCB3-CAP		=X/1054	+LCP1-ACF06_2	
=X/1038	+MCB3-951A2		=X/1055	+LCP1-FF006_1	
=X/1039	+MCB3-951A4		=X/1056	+LCP1-FF006_2	
=X/1040	+MCB3-951A5		=X/1057	+LCP1-FF006_3	
=X/1041	+MCB3-951A6		=X/1058	+LCP1-FF06_DBF	
=X/1042	+MCB3-951A7		=X/1059	+LCP1-FF006_PB	
=X/1043	+MCB3-951A8		=X/1060	+LCP2-FF012	
=X/1044	+MCB3-951A9		=X/1061	+LCP2-ACF12_2	
=X/1045	+MCB3-951A13		=X/1062	+LCP2-FF012_1	
=X/1046	+MCB3-951A14		=X/1063	+LCP2-FF012_2	
=X/1047	+MCB3-951A15		=X/1064	+LCP2-FF012_3	

INDICE FOGLI

Sheets Index

FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.	FOGLIO Sheet =Plant+Location/Sheet	DESCRIZIONE FOGLIO Sheet Description	REV. Rev.
=X/1065	+LCP2-FFO12_PB		=X/1251	PART LIST	
=X/1066	+LCP2-FF12_DBL		=X/1252	PART LIST	
=X/1067	+LCP3-FFO18		=X/1253	PART LIST	
=X/1068	+LCP3-ACF18_2		=X/1254	PART LIST	
=X/1069	+LCP3-FFO18_1		=X/1255	PART LIST	
=X/1070	+LCP3-FFO18_2		=X/1256	PART LIST	
=X/1071	+LCP3-FFO18_3		=X/1257	PART LIST	
=X/1072	+LCP3-FFO18_PB		=X/1258	PART LIST	
=X/1073	+LCP3-FF18_DBL		=X/1259	PART LIST	
=X/1074	+LCP4-FFO24		=X/1260	PART LIST	
=X/1075	+LCP4-ACF24_2		=X/1261	PART LIST	
=X/1076	+LCP4-FFO24_1		=X/1262	PART LIST	
=X/1077	+LCP4-FFO24_2		=X/1263	PART LIST	
=X/1078	+LCP4-FFO24_3		=X/1264	PART LIST	
=X/1079	+LCP4-FFO24_PB		=X/1265	PART LIST	
=X/1080	+LCP4-FF24_DBL		=X/1266	PART LIST	
=X/1250	PART LIST		=X/1267	PART LIST	

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	INDEX	DW0057070014 C.19068	= DOC	
			Dis.to	MF					+	
									FOGLIO	10.9
Revisione	Data	Nome	NORME	IEC-CEI					Segue	11

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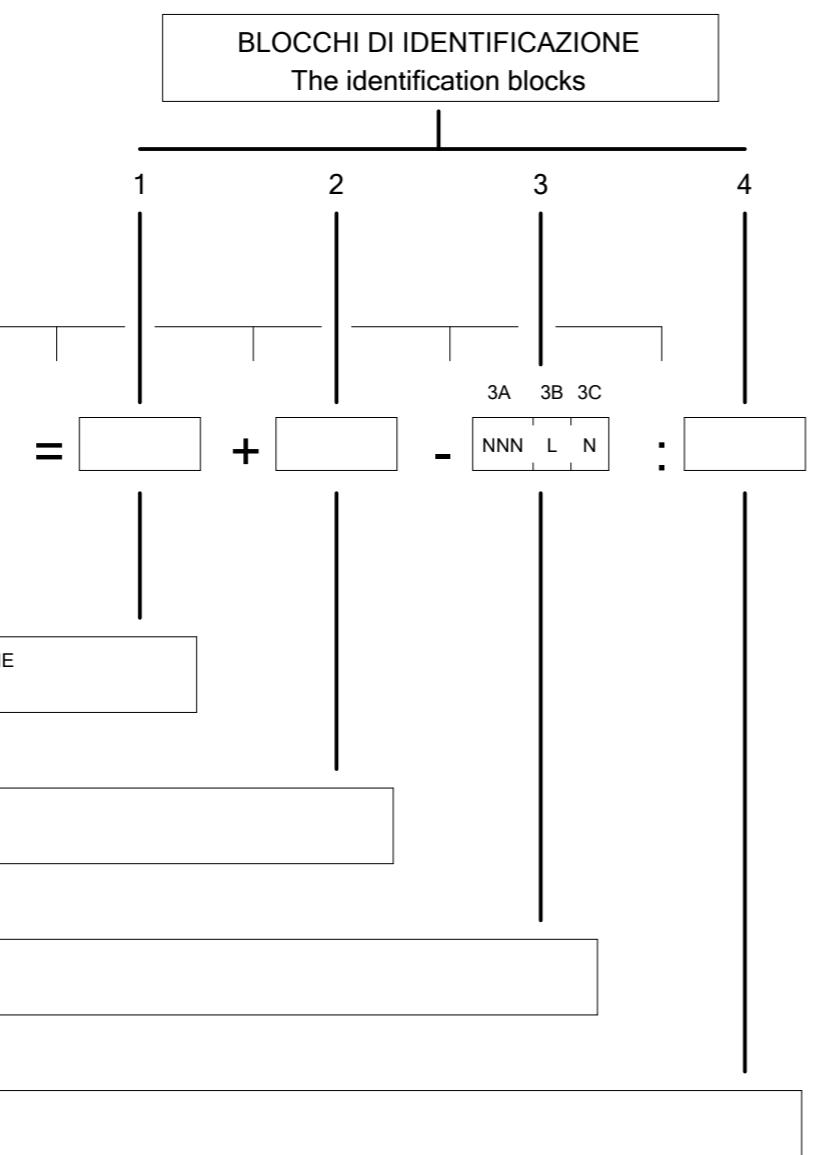
## CODICI , DESIGNAZIONI

### Markings , Designations

IEC 750 / CEI 3 - 34

LA CODIFICA DEGLI EQUIPAGGIAMENTI E' QUELLA SEGUENTE :

The equipment markings are composed as follows :



			Data	26.Gen.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	MARKING, DESIGNATION	DW0057070014	= DOC
			Dis.to	MF	1+6+12+18+24 B/630				+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	20.1 Segue

BLOCCO 1 / Block 1

CODICE PRINCIPALE DI IDENTIFICAZIONE  
Higher Level Assignment



CODICE PRINCIPALE DI IDENTIFICAZIONE , STRUTTURA FUNZIONALE  
Higher Level Assignment

**NUMERO PROGRESSIVO**  
Progressive Number

# CODICI PRINCIPALI DI IDENTIFICAZIONE STANDARD

## Standard Higher Level Assignment

SVOLGITORE Pay off Stand	=PAYOFF
GABBIA 6 BOBINE 6 Bobbins Cage	=CAGE06
GABBIA 12 BOBINE 12 Bobbins Cage	=CAGE12
GABBIA 18 BOBINE 18 Bobbins Cage	=CAGE18
GABBIA 24 BOBINE 24 Bobbins Cage	=CAGE24
TRAINO Stationary Caterpillar	=CAPSTAN
AVVOLGITORE Take up Stand	=TAKEUP

## BLOCCO 2 / Block 2

## CODICE UBICAZIONE Location Code



CODICE UBICAZIONE , LUOGO , POSIZIONE FISICA  
Location Code

## NUMERO PROGRESSIVO Progressive Number

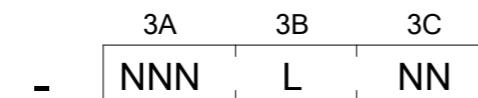
# CODICI UBICAZIONE STANDARD BFM

## Bfm Standard Locations Code

A BORDO MACCHINA On Board	+BRD	INTERFACCIA OPERATORE Human Machine Interface	+HMI
SALA COMANDI Control Room	+CRM	SUPERVISORE Management System	+MSY
IN CAMPO In Field	+FLD	CONTROLLO NUMERICO Computerized Numerical Control	+CNC
CASSETTA DI DERIVAZIONE Junction Box	+JBX	CONSOLLE OPERATORE Operator Console	+OPC
PANNELLO COMANDI LOCALE Local Control Panel	+LCP	LOGICA PROGRAMMABILE Programmable Logic Control	+PLC
QUADRO PRINCIPALE Main Control Board	+MCB	CASSETTA MORSETTIERA Terminal Box	+TBX
QUADRO PARTENZE MOTORI Motor Control Center	+MCC		
SINOTTICO Mimic Diagram	+MDG		

**BLOCCO 3 / Block 3**

**CODICE IDENTIFICAZIONE MATERIALE**  
Equipment Identify Code



NUMERO FOGLIO DISEGNO  
Drawing Sheet Number

LETTERA DI RIFERIMENTO PER IDENTIFICAZIONE MATERIALE  
Letter Codes and Corresponding Kinds of Item

NUMERO PROGRESSIVO NEL FOGLIO  
Progressive Number in Sheet

**LETTERA DI RIFERIMENTO PER IDENTIFICAZIONE MATERIALE**  
Letter Codes and Corresponding Kinds of Item

IEC 750 / CEI 3 - 34

RIFER. Let.code	TIPO DI MATERIALE	Kind of Item
A	COMPLESSI , UNITA'	Assemblies , subassemblies
B	TRASDUTTORI DI UNA GRANDEZZA NON ELETTRICA IN UNA ELETTRICA O VICEVERSA	Transducers , from non-electrical quantity to electrical quantity or vice-versa
C	CONDENSATORI	Capacitors
D	OPERATORI BINARI , DISPOSITIVI DI TEMPORIZZAZIONE DISPOSITIVI DI MEMORIZZAZIONE	Binary elements , delay devices , storage devices
E	MATERIALI DIVERSI	Miscellaneous
F	DISPOSITIVI DI PROTEZIONE	Protective devices

RIFER. Let.code	TIPO DI MATERIALE	Kind of Item
G	GENERATORI , ALIMENTATORI	Generators , supplies
H	DISPOSITIVI DI SEGNALAZIONE	Signalling devices
J	--	--
K	RELE' , CONTATTORI	Relays , contactors
L	INDUTTORI	Inductors
M	MOTOR	Motors
N	CIRCUITI INTEGRATI ANALOGICI	Amplifier , regulator
P	STRUMENTI DI MISURA , DISPOSITIVI DI PROVA	Measuring equipment , testing equipment
Q	APPARECCHI DI MANOVRA PER CIRCUITI DI POTENZA	Mechanical switching devices for power circuits
R	RESISTORI	Resistors
S	APPARECCHI DI COMANDO O CONTROLLO	Switches , selectors
T	TRASFORMATORI	Transformers
U	MODULATORI , CONVERTITORI	Modulators , changers
V	TUBI ELETTRONICI , SEMICONDUTTORI	Tubes , semiconductors
W	VIE DI TRASMISSIONE , GUIDE D'ONDA , ANTENNE	Transmission paths , waveguides , aerials
X	MORSETTI , PRESE , SPINE	Terminals , plugs , sockets
Y	APPARECCHI MECCANICI AZIONATI ELETTRICAMENTE	Electrically operated mechanical devices
Z	TRASFORMATORI ADATTATORI DI IMPEDENZA , EQUALIZZATORI , LIMITATORI DI BANDA	Terminations , hybrid transformers , filters , equalizers , limiters

NUMERAZIONE CONDUTTORI INTERNO APPARECCHIATURA  
Wires Code Board Inside

NNN | NN

NUMERO FOGLIO DISEGNO  
Drawing Sheet Number

NUMERO PROGRESSIVO CONDUTTORE NEL FOGLIO  
Progressive Wire Number in Sheet

NUMERAZIONE CONDUTTORI COMUNI  
INTERNO APPARECCHIATURA, STANDARD  
Common Wire Code Board Inside Standard

NNN | A | NN

LIVELLO POTENZIALE (VOLT)  
Potential Level (Volt)

AC - CORRENTE ALTERNATA / Alternative Current  
DC - CORRENTE CONTINUA / Driven Current

NUMERO PROGRESSIVO  
Progressive Number

NUMERAZIONE CAVI STANDARD  
Cables Code Standard

W | A | NN

W = CAVO  
W = Cable

LETTERA IDENTIFICATIVA FUNZIONE CAVO  
Letter Codes and Corresponding Cable Function

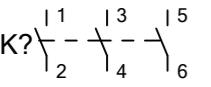
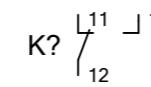
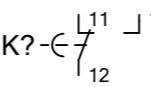
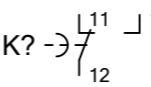
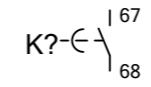
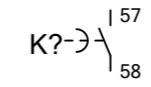
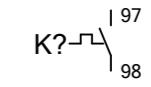
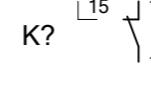
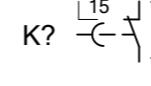
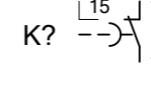
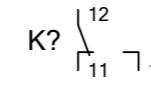
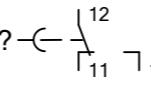
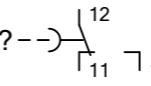
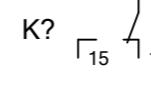
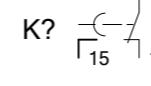
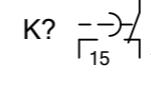
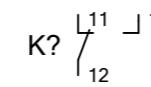
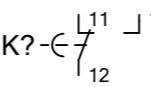
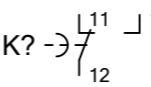
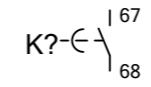
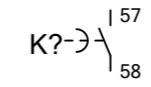
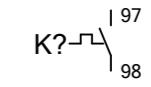
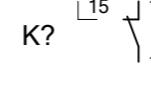
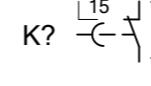
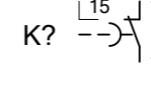
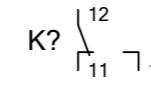
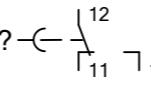
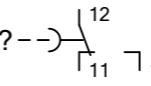
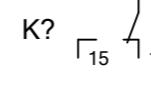
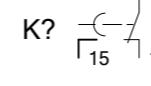
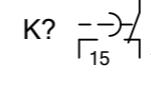
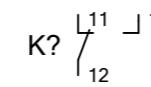
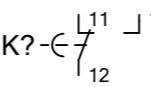
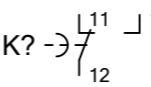
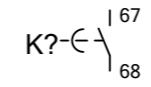
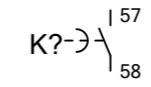
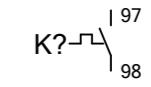
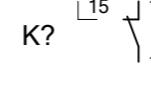
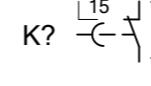
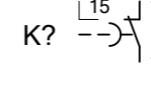
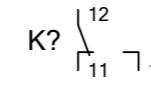
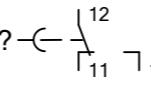
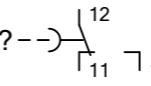
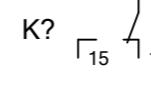
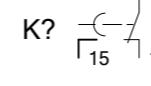
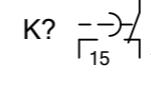
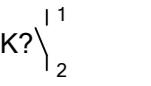
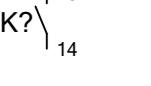
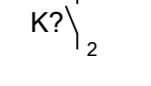
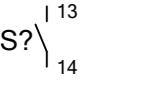
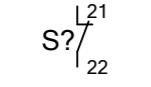
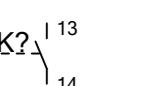
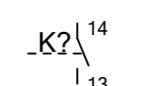
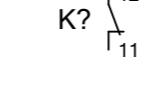
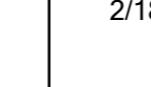
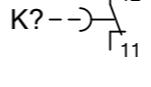
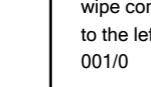
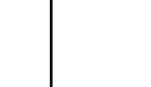
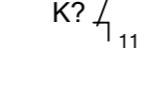
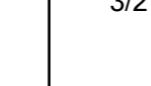
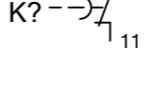
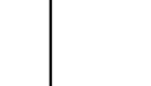
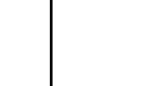
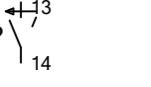
NUMERO PROGRESSIVO CAVO  
Progressive Cable Number

LETTERA IDENTIFICATIVA FUNZIONE CAVO  
Letter Codes and Corresponding Cable Function

RIFER. Let.code	TECHNICAL DATA	Description
B	CAVO TRASDUTTORI	Transducer Cable
K	CAVO TRATTAMENTO SEGNALI	Signal Cable
M	CABLE MOTORS	Motor Cable
U	CAVO ELETTROVALVOLE,FRENI,SERRATURE	Valves,Brakes Cable
W	BUS COMUNICAZIONI	Bus

CODICE LETTERALI PER LA DESIGN.NE DEI COLORI IEC757  
Code literal for the design. of the colors IEC 757

I	CODICE	E	F	E	D
NERO	BK	Black	Noir	Negro	Schwarz
MARRONE	BN	Brown	Marron	Marrón	Braun
BLU	BU	Blue	Bleu	Azul	Blau
TRASPARENTE	CL	Clear	Clair	Claro	Klar
ORO	GD	Gold	Or	Oro	Gold
VERDE	GN	Green	Vert	Verde	Grun
GIALLO-VERDE	GNYE	Green-Yellow	Joune-Vert	Amar.-verde	Geld-Grun
GRIGIO	GY	Grey	Gris	Gris	Grau
ARANCIO	OG	Orange	Orange	Anaranjado	Orange
ROSA	PK	Pink	Rose	Rosado	Pink
ROSSO	RD	Red	Rouge	Rojo	Rot
ARGENTO	SR	Silver	Argent	Plata	Silver
TURCHESE	TQ	Turquoise	Turquoise	Turquesa	Turkis
VIOLETTO	VT	Violet	Violet	Violeta	Violett
BIANCO	WH	White	Blanc	Blanco	Weiss
GIALLO	YE	Yellow	Jaune	Amarillo	Geld

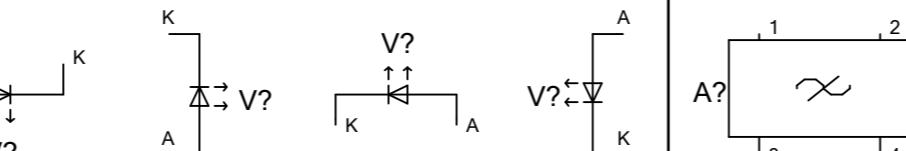
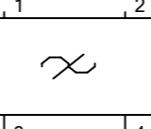
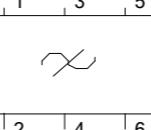
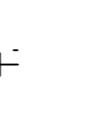
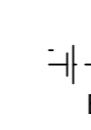
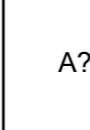
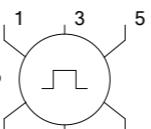
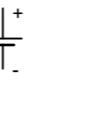
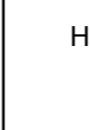
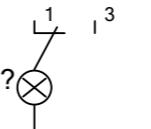
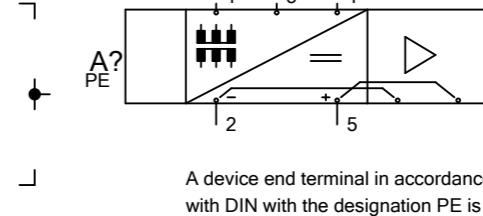
0	1	2	3	4	5	6	7	8	9																																																				
Standard-contacts		Timer-contacts		Thermal-contacts		Changeover-contacts		Pulse-contacts																																																					
<b>Example</b>  <b>3 x SL connected with _SL</b> 		<table border="1"> <thead> <tr> <th>Angle variants</th><th>Symbol O + W</th><th>Symbol OOV + W</th><th>Symbol OSV + W</th><th>3/D:SSV Normally open</th><th>5/D:SOV Normally open on-delay 001/0</th><th>13/D:ST Normally open thermal trip 001/0</th><th></th></tr> </thead> <tbody> <tr> <td>1.Examples: 0/0° Normally closed angle variant 0 Changeover cont. angle variant 0</td><td>K? </td><td>K? -&lt; </td><td>K? -&gt; </td><td></td><td></td><td></td><td></td></tr> <tr> <td>2.Examples: 1/90° Changeover cont. angle variant 1 Normally closed angle variant 1</td><td>K? </td><td>K? </td><td>K? </td><td></td><td></td><td></td><td></td></tr> <tr> <td>3.Examples: 2/180° Normally closed angle variant 2 Changeover cont. angle variant 2</td><td>K? </td><td>K? -&lt; </td><td>K? -&gt; </td><td></td><td></td><td></td><td></td></tr> <tr> <td>4.Examples: 3/270° Changeover cont. angle variant 3 Normally closed angle variant 3</td><td>K? </td><td>K? </td><td>K? </td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="8">           The changeover configuration consists of two symbols. (normally closed+changeover)            Information:symbol types for changeover contacts (2-path) (O?? = 14 / W?? = 15)            examples 1. und 3.: next to normally close contact O?? insert symbol W?? in the same height. only the left symbol gets a BMK.         </td><td></td><td></td></tr> </tbody> </table>									Angle variants	Symbol O + W	Symbol OOV + W	Symbol OSV + W	3/D:SSV Normally open	5/D:SOV Normally open on-delay 001/0	13/D:ST Normally open thermal trip 001/0		1.Examples: 0/0° Normally closed angle variant 0 Changeover cont. angle variant 0	K? 	K? -< 	K? -> 					2.Examples: 1/90° Changeover cont. angle variant 1 Normally closed angle variant 1	K? 	K? 	K? 					3.Examples: 2/180° Normally closed angle variant 2 Changeover cont. angle variant 2	K? 	K? -< 	K? -> 					4.Examples: 3/270° Changeover cont. angle variant 3 Normally closed angle variant 3	K? 	K? 	K? 					The changeover configuration consists of two symbols. (normally closed+changeover) Information:symbol types for changeover contacts (2-path) (O?? = 14 / W?? = 15) examples 1. und 3.: next to normally close contact O?? insert symbol W?? in the same height. only the left symbol gets a BMK.										
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0/D:SL Power circuit breaker 000/0	256/D:_SL Assembling line for symbol SL 254/0																																																												
	-----																																																												
1/D:S Normally open contact 001/0	12/D:SK Normally open single contact power contactor 002/0																																																												
																																																													
<b>Contacts without cross-referen.</b>																																																													
195/D:SH N.O. contact without X ref 255/0	196/D:OH N.C. contact without X ref. 255/0																																																												
																																																													
Used e.g. for a black box or for rotary switches																																																													
<b>Angle variants</b> 258/D:SMW Normally open with action line 001/0		2/180°																																																											
																																																													
<b>Angle variants</b>																																																													
2/180°		1/90°		1/90°		1/90°		1/90°																																																					
																																																													
3/270°		2/180°		3/270°		2/180°		3/270°																																																					
																																																													
10/D:SWB Wipe contact right left 002/0																																																													
																																																													
11/D:SWL Normally open wipe contact to the left 001/0																																																													
																																																													

0	1	2	3	4	5	6	7	8	9
Contactor coils		Relay coils		Protective relays		Coils			
20/D:K Relay coil 050/0	K?	27/D:K2 Remanence relay inhabiting contactor 050/0	(1) 	309/D:KUNO Unterspannungsausl. Anschlüsse oben 255/0	K?	45/D:Y Magnetic valve 255/0	Y?	103/D:YK Magnetic clutch 255/0	311/D:Y3B Brake 3-connections 255/0
21/D:KA Pickup delay electromagnetic drive 050/0	K?	29/D:KR2 Relay coil electric drive with dropout delay 050/0	(1) 	165/D:KUN Undervoltage release 255/0	K?	48/D:YB Magnetic brake 255/0	Y?	302/D:Y2X Impulse magnetic valve 255/0	
22/D:KR Electrical drive with on- and off- delay 050/0	K?	Relay coils without X-ref		164/D:KUB Overvoltage release 255/0	K?	Angle variants 2/180°			301/D:Y2L Magnetic valve left side 255/0
23/D:KT Counter 050/0	K?	188/D:KA2 Pick-up delayed contactor 255/0	(1) 	105/D:USP Surge voltage protector 255/0	K?	104/D:Y1 Valve coil (general) 255/0	Y?	317/D:Y2LX Impulse magnetic valve, left side 255/0	
24/D:KW AC relay 050/0	K?	189/D:KAR2 Electrical drive with on- and off- delay 255/0	(1) 	Angle variants 2/180°		K?	2/180° (ID optionally on left or right)	Y?	
25/D:KAR Timer on- and off-delay 050/0	K?	190/D:KT2 Blink relay 255/0	(1) 	166/D:KFI Residual-current -operated circuit breaker 255/0	K?	316/D:YRX2 Impulse magnetic valve 255/0	Y?		
26/D:KRM Remanence relay 050/0	K?	191/D:KM2 Multifunctional relay 255/0	(1) 	214/D:KL2S 2nd Coil for remanence relay 255/0	K?	Angle variants 2/180° (ID optionally on left or right)			
28/D:KMU Multifunctional relay 050/0	K?	163/D:KE2 Coaxial connector 255/0	(1) 	Example		318/D:Y4PE Magnetic valve with PE 255/0	PE		
		The complete symbol consists of two individual graphical symbols. The first graphical symbol is entered with a component designation and a connection designation. The graphical symbol KE2 without a component designation is displayed at a width of two steps from it.		K?	Symbol: K + KL2S	Angle variants 2/180°			

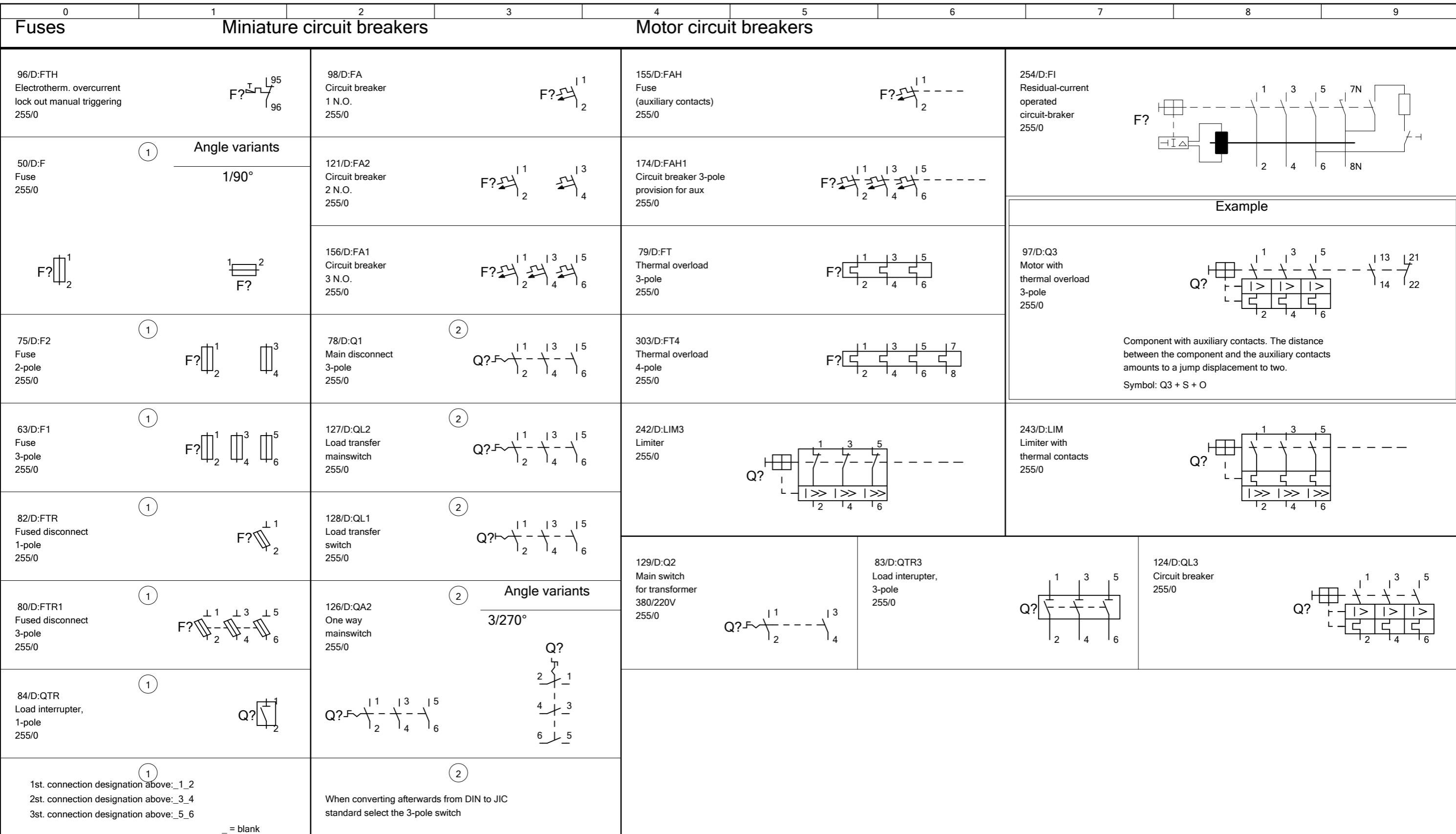
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		Dis.to	MF	1+6+12+18+24 B/630				+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	25.1 Segue 25.2

0	1	2	3	4	5	6	7	8	9
<b>NO contact</b>		<b>NC contact</b>							
NO contact		NC contact		NO contact		NC contact		NO contact / NC contact	
35/D:SSD Push button with 1 N.O. spring return 255/0	S?E   13 14	36/D:SOD Push button with 1 N.C. spring return 255/0	S?E   11 12	158/D:SSMB Limit switch 1 N.O. 255/0	S?O   13 14	157/D:SOMB Proximity switch 1 N.C. 255/0	S?O   11 12	304/D:BSK Power operating mechanism 1 N.O. (generale) 255/0	① S?□   13 14
37/D:SSR Selector switch with 1 N.O. retained 255/0	S?F   13 14	38/D:SOR Selector switch with 1 N.C. retained 255/0	S?F   11 12	159/D:SST Push button 1 N.O. general 255/0	S?H   13 14	160/D:SOT Push button 1 N.C. general 255/0	S?H   11 12	305/D:BOK Power operating mechanism 1 N.C. (generale) 255/0	① S?□   11 12
39/D:SSM Limit switch N.O. 255/0	S?O   13 14	40/D:SOM Proximity switch 1 N.C. 255/0	S?O   11 12	169/D:SSP Mushroom push button 1 N.O. spring return 255/0	S?H   13 14	170/D:SOP Mushroom push button 1 N.C. spring return 255/0	S?H   11 12	Information on the type of energy stored may be entered in the square	①
41/D:SSRD Push button with 1 N.O. retained 255/0	S?E   13 14	42/D:SORD Push button with 1 N.C. retained 255/0	S?E   11 12	260/D:SNOTS E-Stop mushroom pushbutton 1 N.O. 255/0	S?H   13 14	150/D:SNOT E-Stop mushroom pushbutton 1 N.C. 255/0	S?H   11 12	64/D:BSP Pressure switch 1 N.O. 255/0	① S?P   13 14
66/D:SSF Foot switch 1 N.O. 255/0	S?F   13 14	71/D:SOF Foot switch 1 N.C. 255/0	S?F   11 12	132/D:BSD Flow switch 1 N.O. 255/0	S?↑   13 14	133/D:BOD Flow switch 1 N.C. 255/0	S?↑   11 12	69/D:BOP Pressure switch 1 N.C. 255/0	① S?P   11 12
210/D:SSST Switch general 1 N.O. retained 255/0	S?F   13 14	211/D:SOST Switch general 1 N.C. retained 255/0	S?F   11 12	215/D:SSG Cam operator 1 N.O. 255/0	S?O   13 14	216/D:SOG Cam operator 1 N.C. 255/0	S?O   11 12	100/D:BST Thermostat 1 N.O. 255/0	① S?U   13 14
76/D:BSN Cam switch 1 N.O. 255/0	S?G   13 14	77/D:BON Cam switch 1 N.C. 255/0	S?G   11 12	217/D:SSGB Cam operator 1 N.O. held closed 255/0	S?O   13 14	218/D:SOGB Cam operator 1 N.C. held open 255/0	S?O   11 12	102/D:BOT Thermostat 1 N.C. 255/0	① S?U   11 12
43/D:SSS Key-operated selector switch with 1 N.O. 255/0	S?C   13 14	44/D:SOS Key-operated selector switch with 1 N.C. 255/0	S?C   11 12	244/D:SSSV Key-operated selector switch pro-mating contact 1 N.O. 255/0	S?C   11 12			130/D:BSSW Float switch 1 N.O. 255/0	① S?D   13 14
212/D:SSTS Push button key operated 1 N.O. 255/0	S?C   13 14	213/D:SOTS Push button key-operated 1 N.C. 255/0	S?C   11 12					131/D:BOSW Float switch 1 N.C. 255/0	① S?D   11 12

		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	SYMBOLS	DW0057070014	= DOC
		Dis.to	MF	1+6+12+18+24 B/630				+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	25.2 Segue 25.3

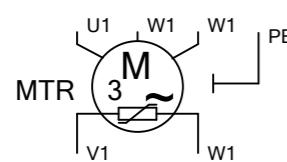
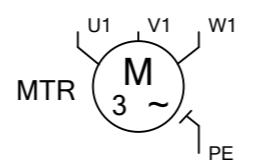
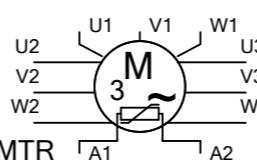
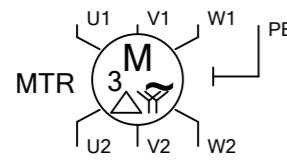
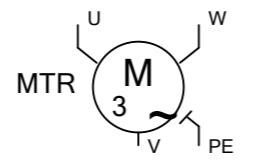
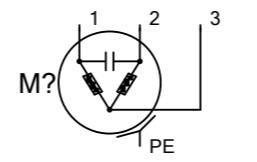
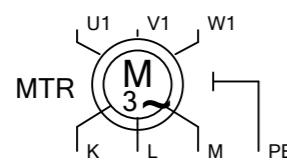
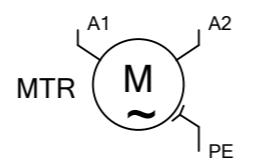
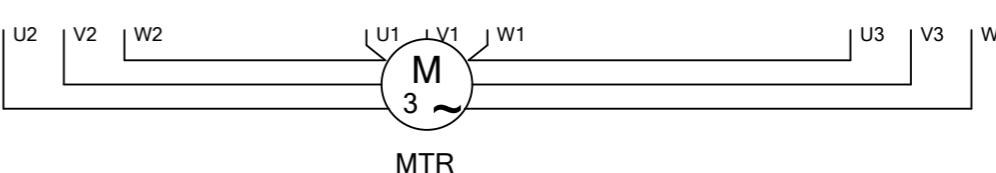
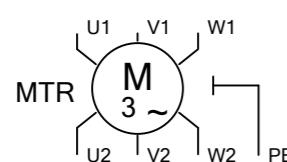
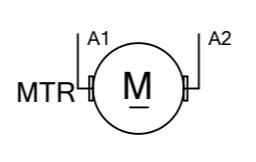
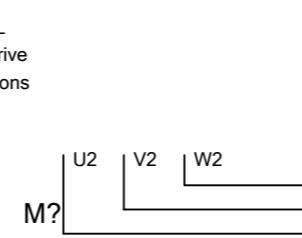
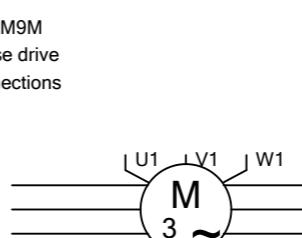
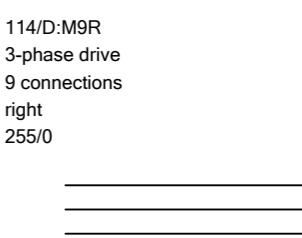
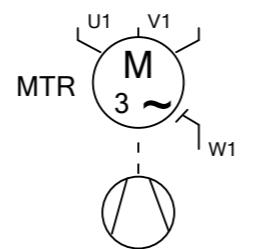
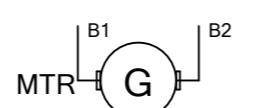
0	1	2	3	4	5	6	7	8	9
Optical and acoustical signal units			Indicators		Ground		Other components		
46/D:H Pilot light 255/0	H? 	91/D:PZ Counter 255/0	P? 	175/D:HLED2 LED 255/0		Angle variants		72/D:AFILTER AC supply filter 255/0	
176/D:HB Pilot light blinking 255/0	H? 	92/D:PV Voltmeter 255/0	P? 	1/90°      2/180°      3/270°					
177/D:HRL Beacon 255/0	H? 	93/D:PA Ammeter 255/0	P? 	49/D:HLED LED 255/0		Angle variants		312/D:A3FILTER AC supply filter 3-phase 255/0	
122/D:HT Pilot light with transformer 255/0	H? 	167/D:PSTD Elapsed-time meter 255/0	P? 	V?  A  V?  V? 		1/90°      2/180°      3/270°			
87/D:HG Glow lamp 255/0	H? 	168/D:PSTZ Counter 255/0	P? 	226/D:BAT Battery 255/0		Angle variants		74/D:B Encoder 255/0	
95/D:HUh Clock general, secondary clock 255/0	H? 	86/D:BO Photoelectric cell 255/0	A? 	B?  +--- --- --- ---+ B?  B?  B? 		1/90°      2/180°      3/270°			
88/D:HW Alarm bell 255/0	H? 			306/D:BAT1 Battery 255/0		Angle variants		178/D:H4 Pilot light push-to-test 255/0	
47/D:HU Horn 255/0	H? 			B?  +--- --- --- ---+ B?  B?  B? 		1/90°      2/180°      3/270°			
118/D:HSU Buzzer 255/0	H? 			300/D:ERDE Ground 255/0		Angle variants		PE  2/180°      PE 	
<b>Example</b>  A device end terminal in accordance with DIN with the designation PE is not be inserted on the left-hand side of the component one step below (or above) the component designation. In order to restrain the lateral attachment a branch is then inserted at any distance to the left to the component.									

		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	SYMBOLS	DW0057070014	= DOC
		Dis.to	MF	1+6+12+18+24 B/630				+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	25.3 Segue 25.4



0	1	2	3	4	5	6	7	8	9
<b>Resistors</b>			<b>Throttles</b>				<b>Capacitors</b>		
51/D:R Resistor 255/0	Angle variants 1/90°		154/D:RP Rheostat 255/0	R?	125/D:RCK RC element 255/0	R?	152/D:L2 Field for DC-motor 255/0	L?	53/D:C Capacitor 255/0
52/D:R2 Potentiometer 255/0	Angle variants 1/90°      2/180°      3/270°			117/D:RST Calibration resistor 255/0	R?	115/D:MB Measuring bridge 255/0	R?	BT	314/D:CDREIECK Capacitor, delta connection 255/0
227/D:R3 Potentiometer 255/0		116/D:E Heater resistor 255/0	E?			67/D:L Field winding for DC motor 255/0	(1) L? F1 F2		
119/D:RPOT Potentiometer 255/0		223/D:RF Photoelectric resistor 255/0	R?			68/D:LD Iron-cored reactor 255/0	(1) L? F1 F2		
245/D:RPTC PTC-thermistor 255/0		120/D:RA Measuring shunt 255/0	R?			151/D:L1 3-phase line reactor 255/0	(1) L? F1 F2 F3 F4 F5 F6		
246/D:RNTC NTC thermistor 255/0		173/D:RS Measuring shunt 255/0	R?			219/D:LM 3-phase-line reactor for NC device 255/0	(1) L? F1 F2 F3 F4 F5 F6		
85/D:RV Varistor (Voltage dependant resistor) 255/0							1st. connection designation above: F1_F2 2st. connection designation above: F3_F4 3st. connection designation above: F5_F6 _ = blank		

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		Dis.to	MF	1+6+12+18+24 B/630				+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	25.5 Segue 25.6

0	1	2	3	4	5	6	7	8	9	
<b>Motors, tacho-generator (tachometer), ventilator</b>										
110/D:M2 Motor with PTC thermistor 255/0	(1) 	62/D:M3 Induction motor 3-phase single speed 255/0	(1) 	259/D:MMT Motor with thermistor 255/0	(1) 					
108/D:M2YD Induction motor 3-phase with slipring rotor 255/0	(1) 	307/D:M2_1 Induction motor 3-phase single speed 255/0	(1) 	320/D:STELL Activator motor 255/0	(1) 					
107/D:MSCHL Motor, slipring rotor 255/0	(1) 	228/D:MW AC motor 2-pole 255/0	(1) 	308/D:M9 3-phase drive 9 connections 255/0	(1) 					
60/D:M6 Induction motor 3-phase, switchable speed, 6 connections 255/0	(1) 	61/D:M2G DC motor 255/0	(1) 	113/D:M9L 3-phase drive 9 connections left 255/0	(2) 	112/D:M9M 3-phase drive 9 connections center 255/0	(2) 	114/D:M9R 3-phase drive 9 connections right 255/0	(2) 	
184/D:PE Ground connection for motor 255/0	(1) Angle variants 2/180°		109/D:MVE Fan induction motor 255/0	Example (Symbols: M9L + M9M + M9R)						
The components (e.g. Motor, slipring rotor) consists of two symbols. The PE without a component designation and with the connection designation PE: is entered six steps to the right of the attachment point of the motor which has its standard designation.			179/D:VE Single phase fan 255/0	(1) 	(2) 	The 3-phase motor for three speeds is put together from symbols 1.) 1st symbol: m9m, the component designation is dropped and is entered at symbol M9L. 2.) The symbol M9L is positioned 12 steps to the left of the insertion point of the motor. The component designation is M. 3.) The symbol M9R is positioned 16 steps to the right of the insertion point of the motor. The component is dropped. 1st connection designation above: U1 2nd connection designation above: V1 3rd connection designation above: W1				
			73/D:MG Tachometer 255/0	(1) 		1st connection designation above: U2 2nd connection designation above: V2 3rd connection designation above: W2		1st connection designation above: U3 2nd connection designation above: V3 3rd connection designation above: W3		

		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	SYMBOLS	DW0057070014	= DOC
		Dis.to	MF	1+6+12+18+24 B/630				+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	25.6 Segue

0	1	2	3	4	5	6	7	8	9	
<b>Promximity sensors, photoelectric barriers, etc.</b>										
148/D:SSNK2 Proximity switch 1 N.O. 255/0	149/D:SONK2 Proximity switch 1 N.C. 255/0	146/D:SSNK Proximity switch DC 1 N.O. 255/0	Angle variants 2/180°		145/D:SONK Proximity switch DC 1 N.C. 255/0	Angle variants 2/180°		143/D:SSNS Proximity switch DC connector 1 N.O. 255/0	Angle variants 2/180°	
237/D:SWNK Position switch 255/0	238/D:SWNKB Position switch 255/0	147/D:SSNKB Proximity switch DC 1 held open 255/0	Angle variants 2/180°		144/D:SONKB Proximity switch DC 1 held closed 255/0	Angle variants 2/180°		142/D:SSNSB Proximity switch DC connector 1 N.O. 255/0	Angle variants 2/180°	
239/D:SWNS Position switch 255/0	240/D:SWNSB Position switch 255/0	208/D:USS Ultra sonic proximity switch DC 1 N.O. 255/0	Angle variants 2/180°		209/D:USO Ultra sonic proximity switch DC 1 N.C. 255/0	Angle variants 2/180°		139/D:SSLR Light reflex switch 1 N.O. 255/0	Angle variants 2/180°	
134/D:SLSAC Photoelectric switch AC transmitter 255/0	135/D:SSLSDC Photoelectric switch AC receiver 1 N.O. 255/0	136/D:SLSDC Photoelectric switch DC transmitter 255/0	Angle variants 2/180°		137/D:SSLEDC Photoelectric switch DC receiver 1 N.O. 255/0	Angle variants 2/180°		138/D:SSLRS Light reflex switch with plug 1 N.O. 255/0	Angle variants 2/180°	
231/D:OC14 Optocoupler Typ 1 255/0	232/D:OC13 Optocoupler Typ 2 255/0	229/D:LSRL Light reflex switch 1 changeover contact 255/0	Angle variants 2/180°		230/D:LSRLS Light reflex switch with plug 1 changeover contact 255/0	Angle variants 2/180°				

		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	SYMBOLS	DW0057070014	= DOC
		Dis.to	MF	1+6+12+18+24 B/630				+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	25.7 Segue 25.8

0	1	2	3	4	5	6	7	8	9
<b>Rectifiers</b>		<b>Transformers</b>			<b>Slipering transformer</b>		<b>Current transformer</b>		
56/D:G2 Power supply 2-phase 255/0		58/D:T2 Single-phase transformer 255/0		192/D:TS2 Transformer 2-phase 255/0		171/D:SCHL Slipring transformer 255/0			106/D:LSW1 Current transformer 1st path 255/0
187/D:GBOX2 Rectifier 2-phase 255/0		59/D:T3 Three-phase transformer star connection 255/0		194/D:TST2 Transformer 2 phase secondary centre tap 255/0		90/D:GS Power source 255/0			199/D:LSW2 Current transformer 2nd path 255/0
57/D:G3 Power supply 3-phase 255/0		220/D:TDRST Three phase transformer delta-star connection 255/0		193/D:TST3 Transformer 3 phase 255/0					200/D:LSW3 Current transformer 3rd path 255/0
111/D:GBOX3 Rectifier 3-phase 255/0		225/D:TV Voltage transformer 255/0		224/D:TSTSTD Three phase transformer star-delta connection 255/0					<b>Example</b>
185/D:GL Rectifier 255/0				221/D:TSTD Three phase transformer delta-star connection 255/0					
186/D:GDBR Rectifier 3-phase 255/0									
<p>The symbol is put together using several components. A lateral branch is entered one step below and two steps to the left on the insertion point of the transformer component. A device terminal in accordance with DIN is entered eight steps to the right of it.</p>									
<p>Current transformer must be entered individually for every line. They are inserted between the path (see example).</p>									

Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	SYMBOLS	DW0057070014	= DOC
Dis.to	MF	1+6+12+18+24 B/630				+ FOGLIO
Revisione	Data	Nome NORME	IEC-CEI		C.19068	25.9 Segue



0	1	2	3	4	5	6	7	8	9
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=TAKE UP    =CAPSTAN

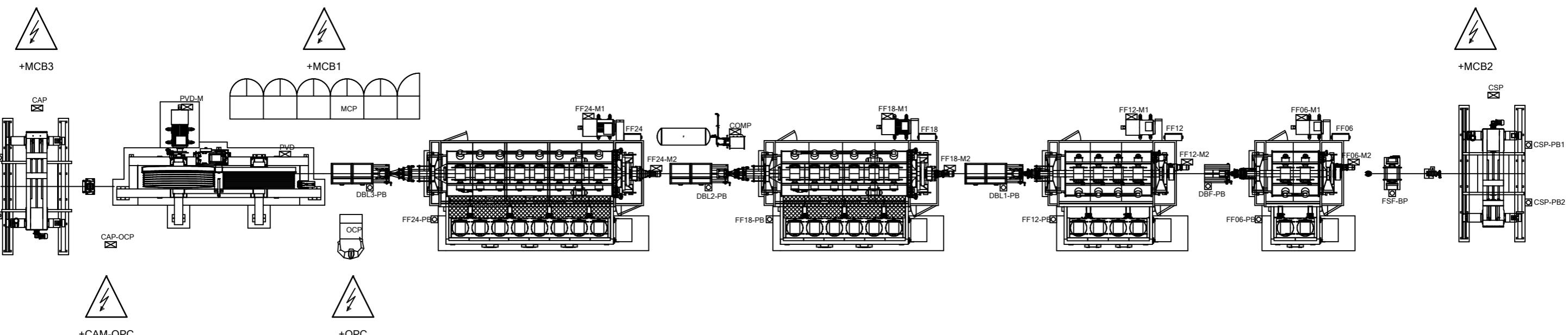
=CAGE24

=CAGE18

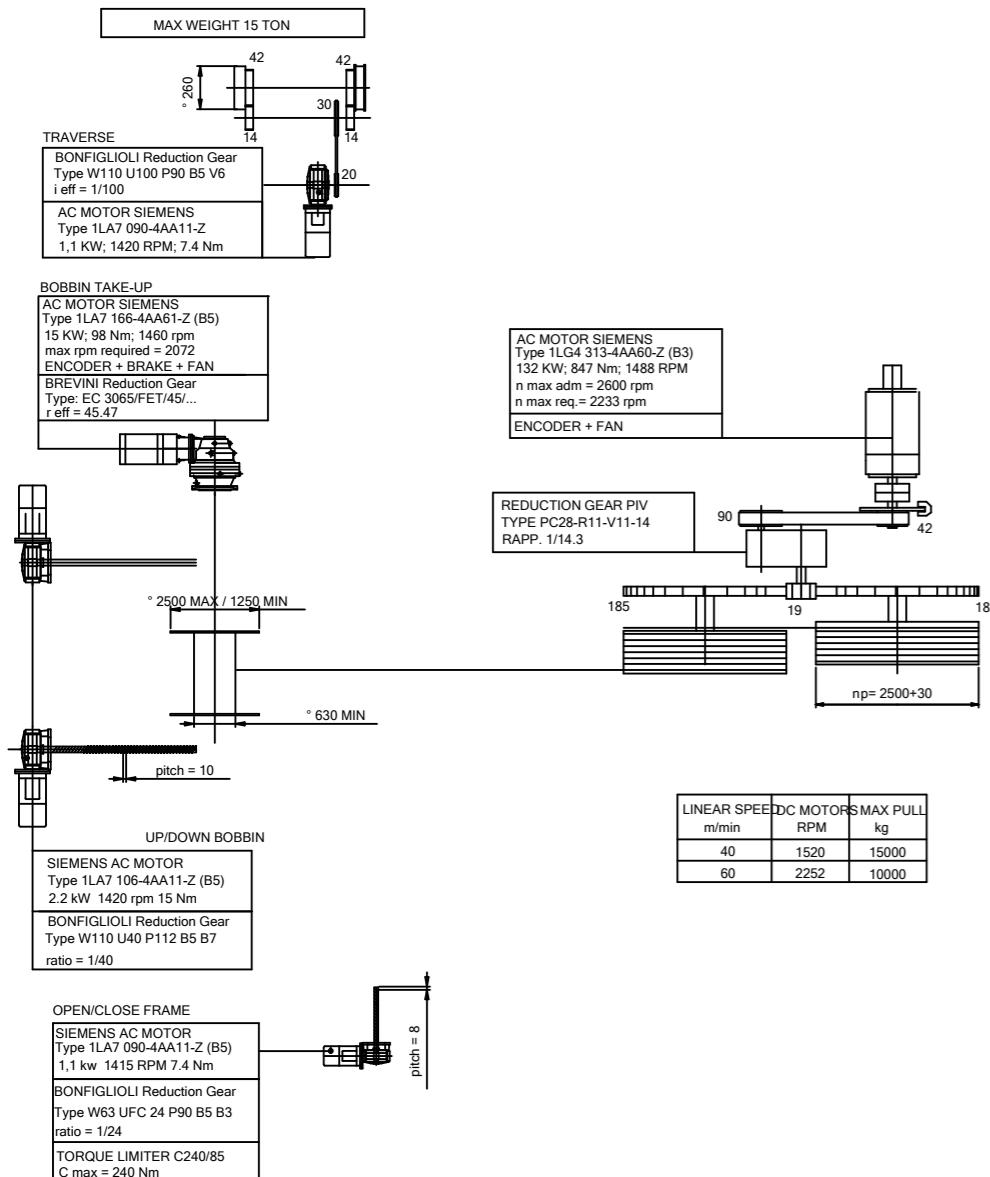
=CAGE12

=CAGE06

=PAY OFF



			Data	16.Feb.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	MACHINE LAY-OUT	DW0057070014 C.19068	= DOC
			Dis.to	MF					+ FOGLIO Segue
Revisione	Data	Nome	NORME	IEC-CEI					30 31



**RIGID STRANDER**  
1+6+12+18+24 B/630

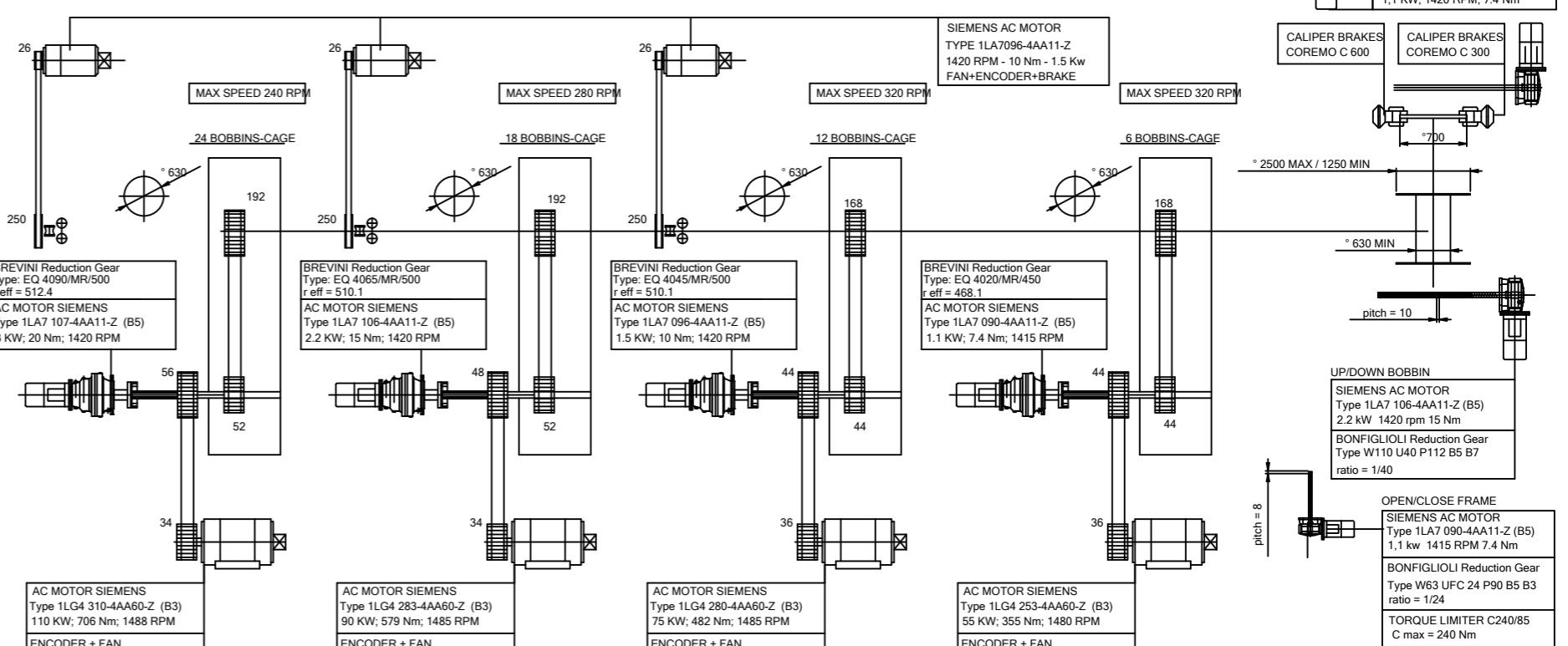
CLIENTE : E\_ARF010  
COMM. : 18673  
ANNO : 2006

MAX R.P.M. OF CAGE 18 B *		
EMPTY BOBBIN	FULL BOBBIN	MATERIAL
240	155	COPPER
240	230	ALUMINIUM

MAX R.P.M. OF CAGE 12 B *		
EMPTY BOBBIN	FULL BOBBIN	MATERIAL
280	175	COPPER
280	230	ALUMINIUM

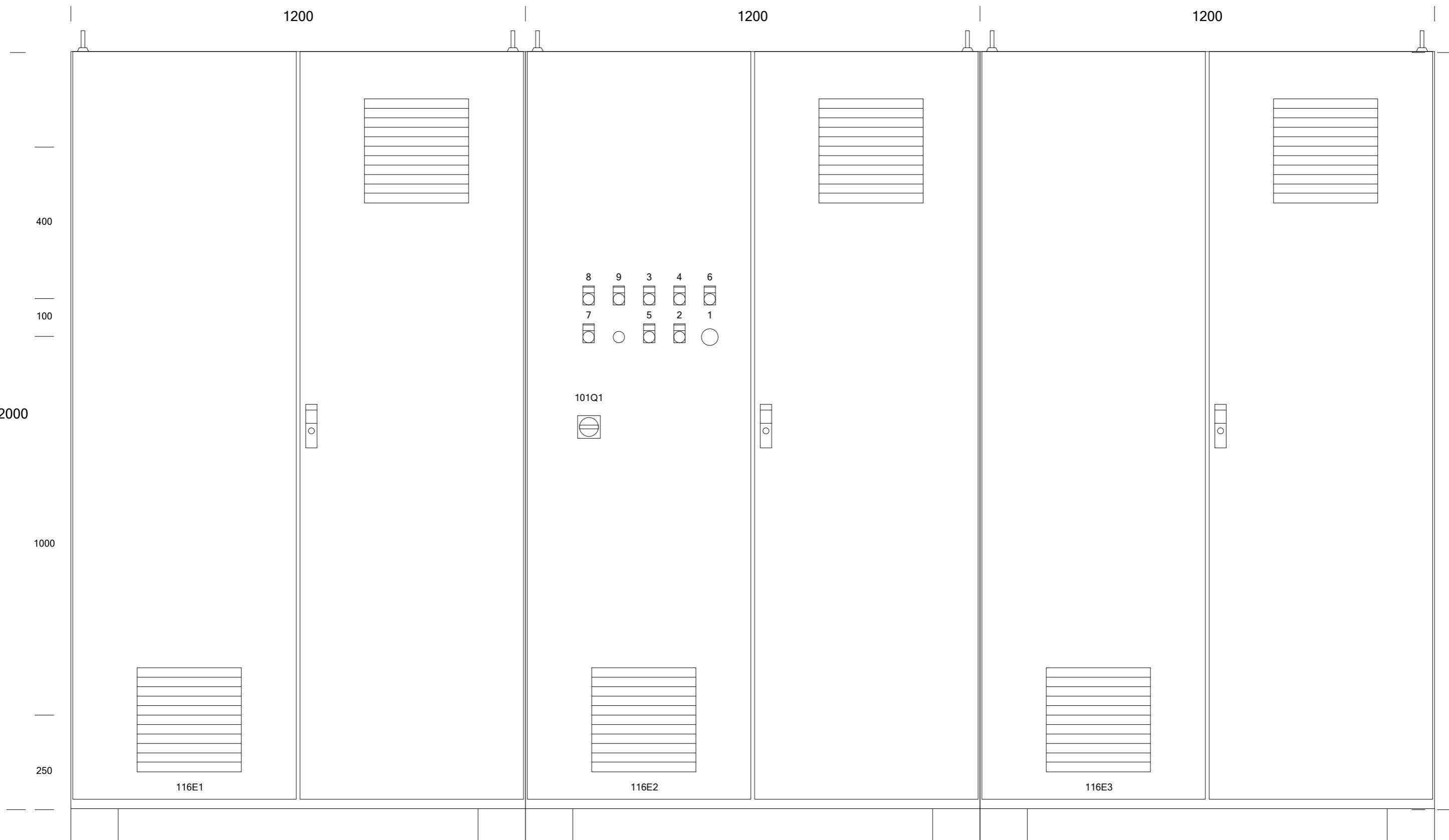
MAX R.P.M. OF CAGE 6 B *		
EMPTY BOBBIN	FULL BOBBIN	MATERIAL
320	200	COPPER
320	260	ALUMINIUM

\*SHOWN SPEED ONLY FOR FULLY BALANCED ROTOR. FOR UNBALANCED ROTOR PLEASE CONTACT OUR TECHNICAL DEPT.



0 1 2 3 4 5 6 7 8 9

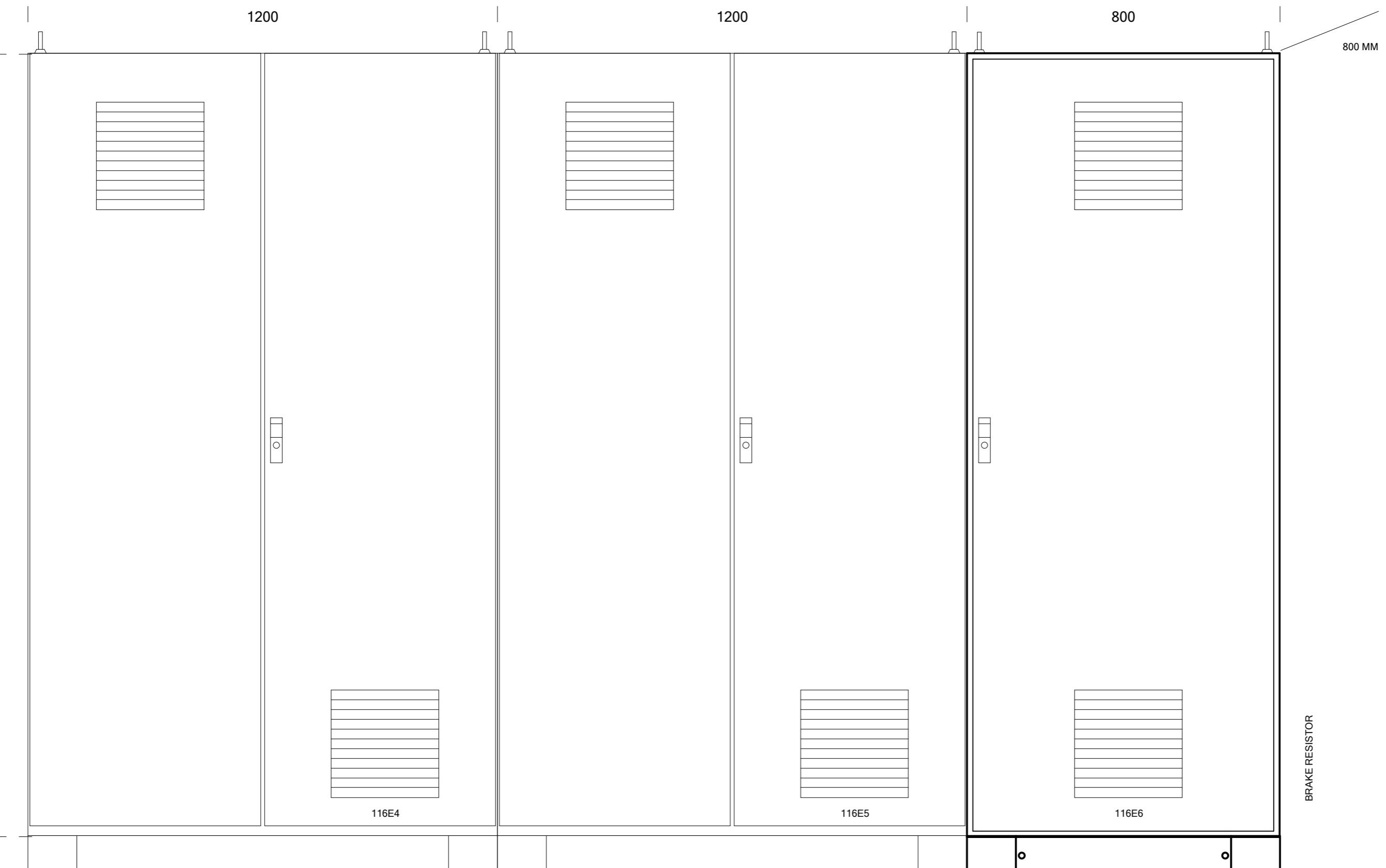
+ MCB1



			Data	14.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	CABINET LAYOUT	DW0057070014 C.19068	= DOC
			Dis.to	MF					+
			NORME	IEC-CEI					FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					50
								Segue	50.1

0                    1                    2                    3                    4                    5                    6                    7                    8                    9

+ MCB1



			Data	14.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	CABINET LAYOUT	DW0057070014 C.19068	= DOC
			Dis.to	MF					+ FOGLIO
									50.1
Revisione	Data	Nome	NORME	IEC-CEI					Segue 50.2

LABELS				
Nr.	Item	Dim.	Wording	
1	125S1		EMERGENCY	
2	126S1	15x27mm	POWER ON	
3	112H1	15x27mm	AUXILIARY 230V AC	
4	126H1	15x27mm	AUXILIARY 24V DC	
5	101S1	15x27mm	GUARD LIGHTING 0 1	
6	113H1	15x27mm	AUXILIARY UPS 230VAC	
7	104S1	15x27mm	DOOR SAFETY ESCLUSION 0 1	
8	104H1	15x27mm	DOOR SAFETY ESCLUSION	
9	104H2	15x27mm	DOORS OPENED	



101H1		109G1		108G1		108G3		109Q14		108G1		109Q4		109Q1	
150A8	150A2	126K1	126K1	150A1	150A2	126K4	126K4	150A8	150A8	126K5	126K5	109Q1	109Q4	109Q1	109Q1
		126K6	126K6			126K7	126K7			126K8	126K8			112F1	112F1
		126K9	126K9			126K10	126K10			126K11	126K11			119F1	119F1
		126K12	126K12			126K13	126K13			126K14	126K14			235F1	235F1
		126K15	126K15			126K16	126K16			126K17	126K17			935F1	935F1
		126K18	126K18			126K19	126K19			126K20	126K20			506Q2	506Q2
		126K21	126K21			126K22	126K22			126K23	126K23			606Q2	606Q2
		126K24	126K24			126K25	126K25			126K26	126K26			630K3	630K3
		126K27	126K27			126K28	126K28			126K29	126K29			630K3	630K3
		126K30	126K30			126K31	126K31			126K32	126K32				
		126K33	126K33			126K34	126K34			126K35	126K35				
		126K36	126K36			126K37	126K37			126K38	126K38				
		126K39	126K39			126K40	126K40			126K41	126K41				
		126K42	126K42			126K43	126K43			126K44	126K44				
		126K45	126K45			126K46	126K46			126K47	126K47				
		126K48	126K48			126K49	126K49			126K50	126K50				
		126K51	126K51			126K52	126K52			126K53	126K53				
		126K54	126K54			126K55	126K55			126K56	126K56				
		126K57	126K57			126K58	126K58			126K59	126K59				
		126K60	126K60			126K61	126K61			126K62	126K62				
		126K63	126K63			126K64	126K64			126K65	126K65				
		126K66	126K66			126K67	126K67			126K68	126K68				
		126K69	126K69			126K70	126K70			126K71	126K71				
		126K72	126K72			126K73	126K73			126K74	126K74				
		126K75	126K75			126K76	126K76			126K77	126K77				
		126K78	126K78			126K79	126K79			126K80	126K80				
		126K81	126K81			126K82	126K82			126K83	126K83				
		126K84	126K84			126K85	126K85			126K86	126K86				
		126K87	126K87			126K88	126K88			126K89	126K89				
		126K90	126K90			126K91	126K91			126K92	126K92				
		126K93	126K93			126K94	126K94			126K95	126K95				
		126K96	126K96			126K97	126K97			126K98	126K98				
		126K99	126K99			126K100	126K100			126K101	126K101				
		126K102	126K102			126K103	126K103			126K104	126K104				
		126K105	126K105			126K106	126K106			126K107	126K107				
		126K108	126K108			126K109	126K109			126K110	126K110				
		126K111	126K111			126K112	126K112			126K113	126K113				
		126K114	126K114			126K115	126K115			126K116	126K116				
		126K117	126K117			126K118	126K118			126K119	126K119				
		126K120	126K120			126K121	126K121			126K122	126K122				
		126K123	126K123			126K124	126K124			126K125	126K125				
		126K126	126K126			126K127	126K127			126K128	126K128				
		126K129	126K129			126K130	126K130			126K131	126K131				
		126K132	126K132			126K133	126K133			126K134	126K134				
		126K135	126K135			126K136	126K136			126K137	126K137				
		126K138	126K138			126K139	126K139			126K140	126K140				
		126K141	126K141			126K142	126K142			126K143	126K143				
		126K144	126K144			126K145	126K145			126K146	126K146				
		126K147	126K147			126K148	126K148			126K149	126K149				
		126K150	126K150			126K151	126K151			126K152	126K152				
		126K153	126K153			126K154	126K154			126K155	126K155				
		126K156	126K156			126K157	126K157			126K158	126K158				
		126K159	126K159			126K160	126K160			126K161	126K161				
		126K162	126K162			126K163	126K163			126K164	126K164				
		126K165	126K165			126K166	126K166			126K167	126K167				
		126K168	126K168			126K169	126K169			126K170	126K170				
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		126K177	126K177			126K178	126K178			126K179	126K179				
		126K180	126K180			126K181	126K181			126K182	126K182				
		126K183	126K183			126K184	126K184			126K185	126K185				
		126K186	126K186			126K187	126K187			126K188	126K188				

0	1	2	3	4	5	6	7	8	9
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			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	CABINET LAYOUT	DW0057070014 C.19068	= DOC
			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					51.1 Segue

0	1	2	3	4	5	6	7	8	9
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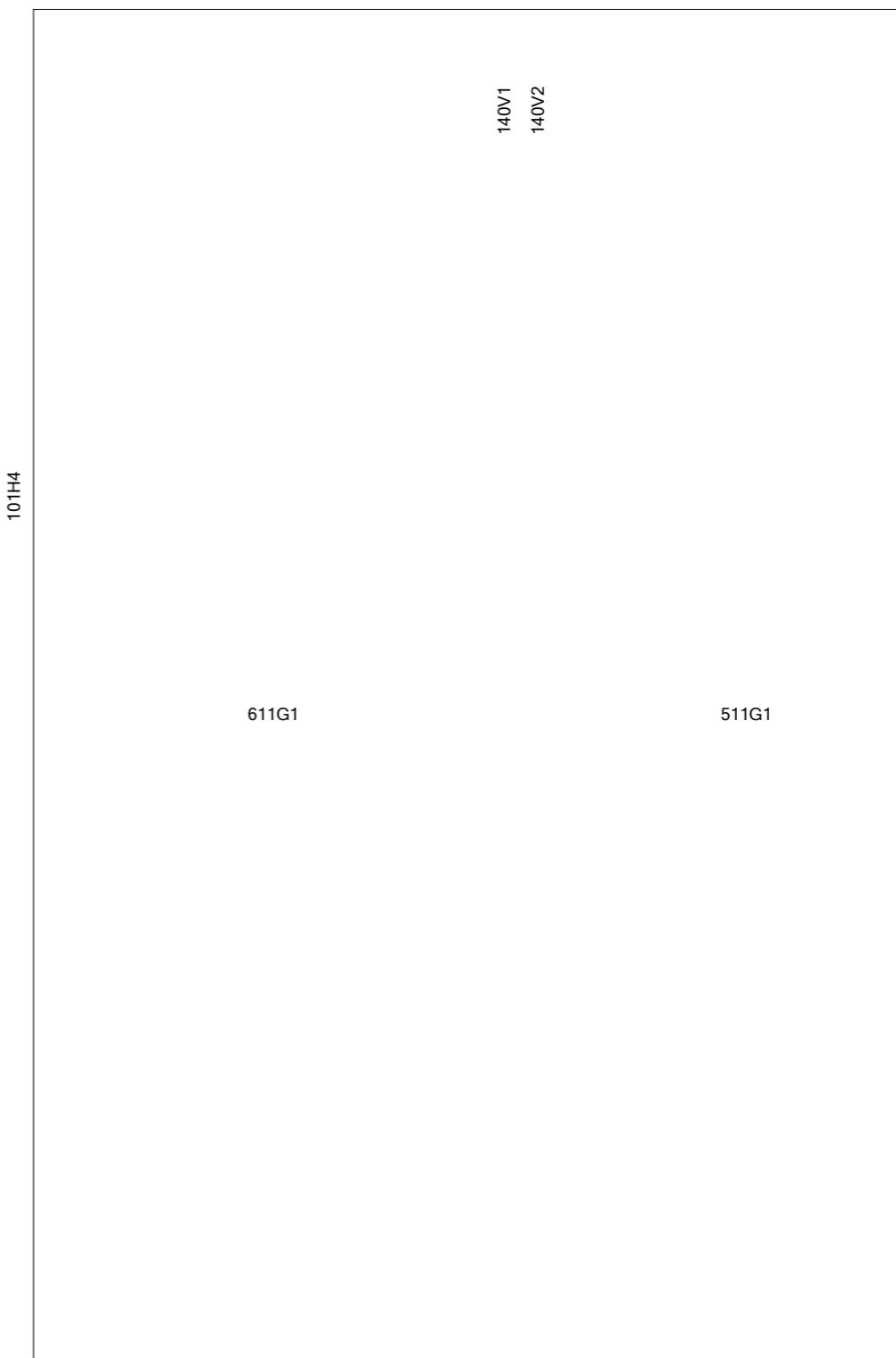
101H3

140G1

711G1

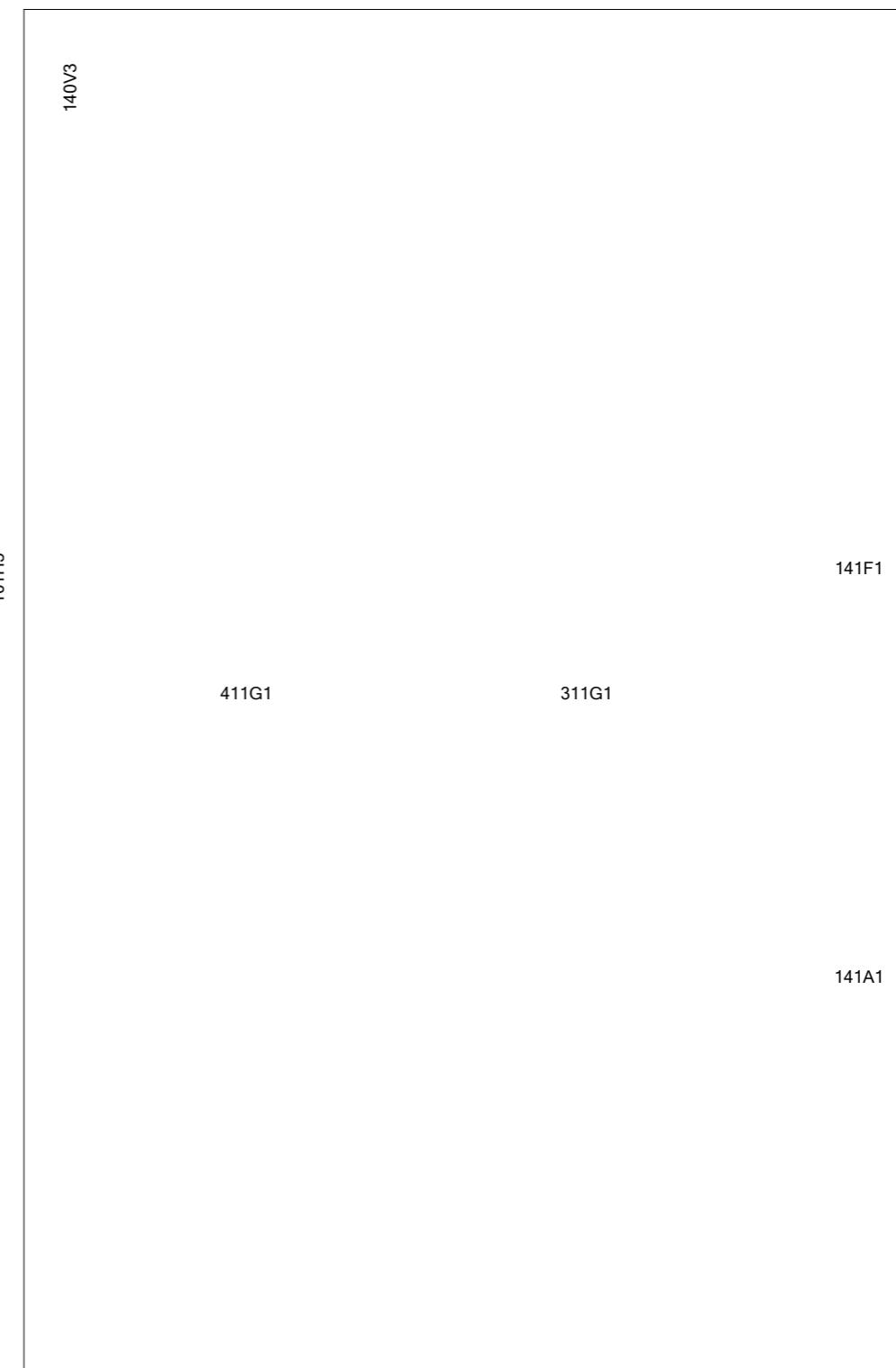
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			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					51.2 Segue

0 1 2 3 4 5 6 7 8 9



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	CABINET LAYOUT	DW0057070014 C.19068	= DOC
			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					51.3 Segue

0	1	2	3	4	5	6	7	8	9
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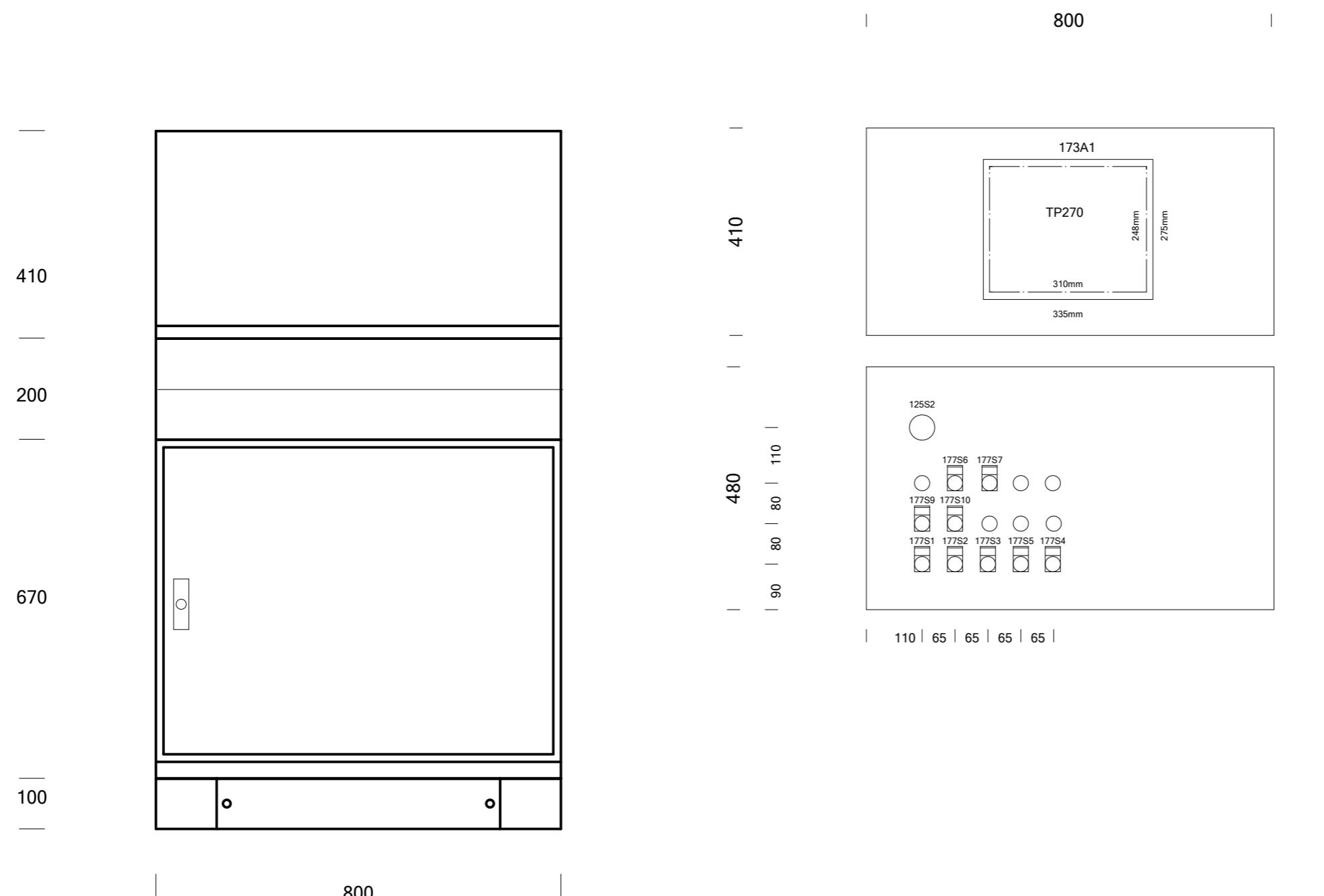


			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	CABINET LAYOUT	DW0057070014 C.19068	= DOC
			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					51.4 Segue



101H6				
911G1				
213G1				
412G1				
512G1				
612G1				
913G1				
115t1				
XUPS	X	RES		
			113G1	
113Q1	113Q2	115Q1	115Q2	116Q1
423K1	423K2	532K1	532K2	507Q1
407Q1	407Q2			507Q2
24DC31	24DC30			607Q1
24DC1				607Q2
0DC1				

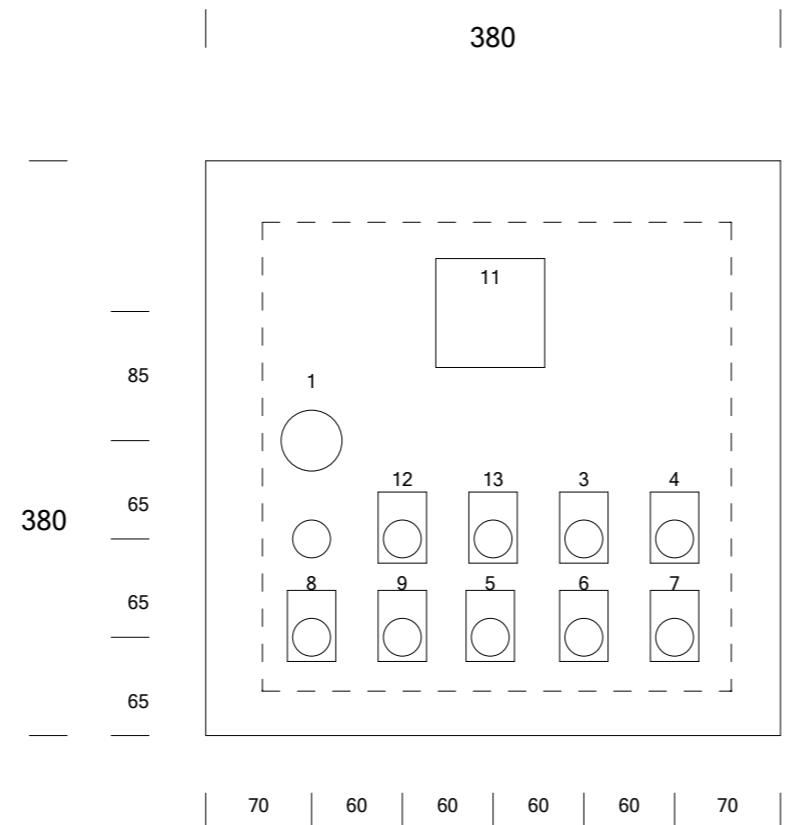
+OPC



LABELS			
Nr.	Item	Dim.	Wording
1	125S2		EMERGENCY
2			
3	177S2	SITWHF01	LINE RUN
4	177S1	SITWHF01	LINE STOP
5	177S3	SITWHF01	LINE JOG
6	177S5	SITWHF01	LINE SPEED HOLD
7	177S4	SITWHF01	ALARM RESET
8	177S9	SITWHF01	TAKE UP BOBBIN STOP
9	177S10	SITWHF01	TAKE UP BOBBIN START
10	177S6	SITWHF01	CABLE BLOCK OPENING 0 1
11	177S7	SITWHF01	CAPSTAN JOG FORW. 0 BACKW.

+CAP\_OPC

LABELS			
Nr.	Item	Dim.	Wording
1	125S3		EMERGENCY
2			
3	922S7	SITWHF01	TAKE UP BOBBIN STOP
4	922S8	SITWHF01	TAKE UP BOBBIN START
5	922S9	SITWHF01	ALARM RESET
6	922S3	SITWHF01	TRAVERSE QUICK LEFT
7	922S4	SITWHF01	TRAVERSE QUICK RIGHT
8	923S1	SITWHF01	LINE STOP
9	923S2	SITWHF01	LINE JOG
10			
11	921P1		BOBBIN MOT. CURRENT
12	922S5	SITWHF01	BOBBIN INCREASE PULL
13	922S6	SITWHF01	BOBBIN DECREASE PULL



0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

+MCB2

PAY OFF STAND

330

100

LABELS			
Nr.	Item	Dim.	Wording
1	241S1		EMERGENCY
2	241H1	SITWHF01	AUXILIARY 24VDC

110



241S1

190



241H1

760

760

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	LOCAL PANEL PAY OFF LAYOUT	DW0057070014	= DOC
			Dis.to	MF	1+6+12+18+24 B/630				+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	56 Segue

0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

+MCB3

TAKE UP STAND

330 | 100 |

LABELS			
Nr.	Item	Dim.	Wording
1	941S1		EMERGENCY
2	941H1	SITWHF01	AUXILIARY 24VDC

110



941Q1  
941S1      941H1

190



760

CAMBIANO LE DIMENSIONI  
DIVENTA COME C. 18888

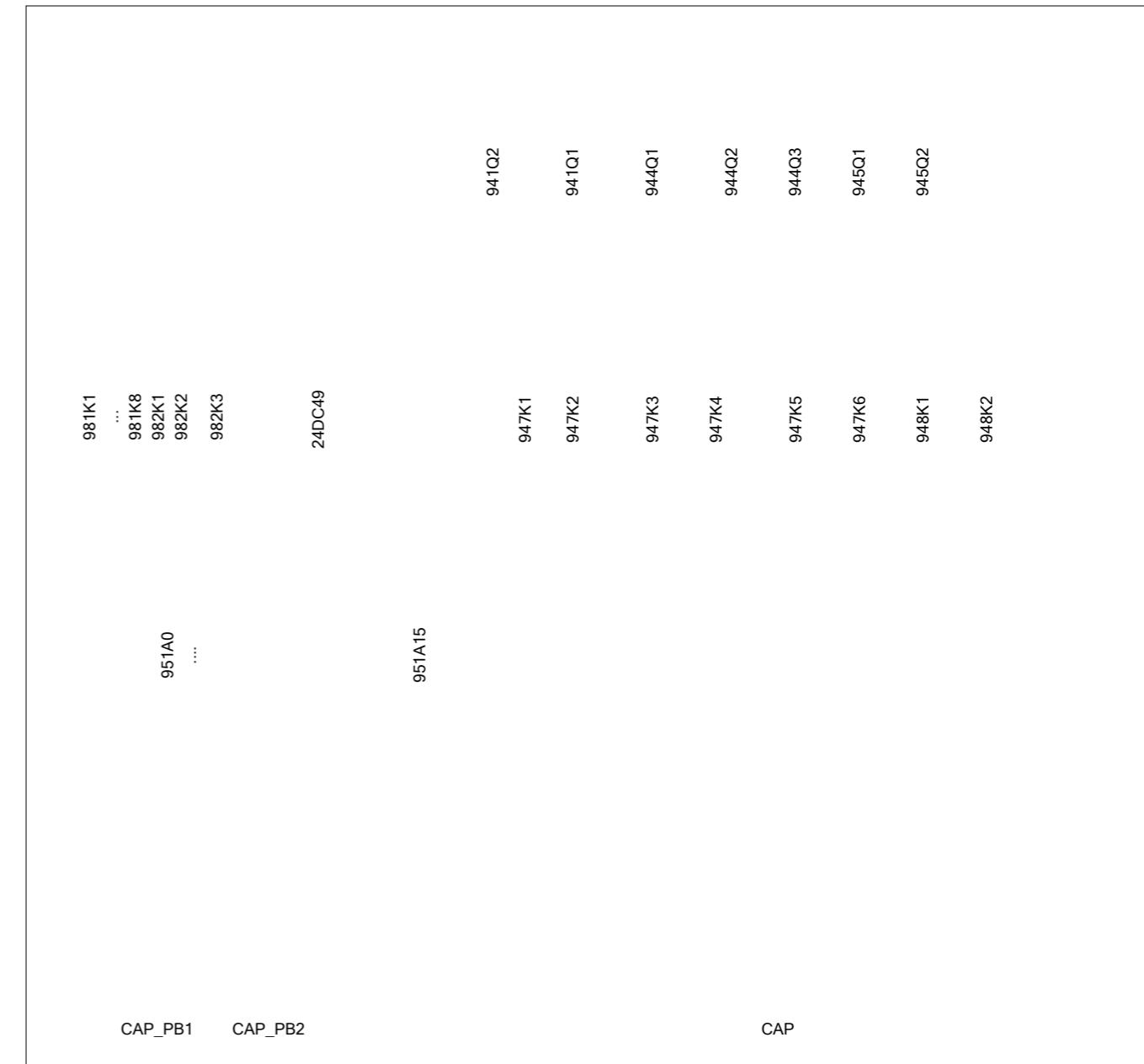
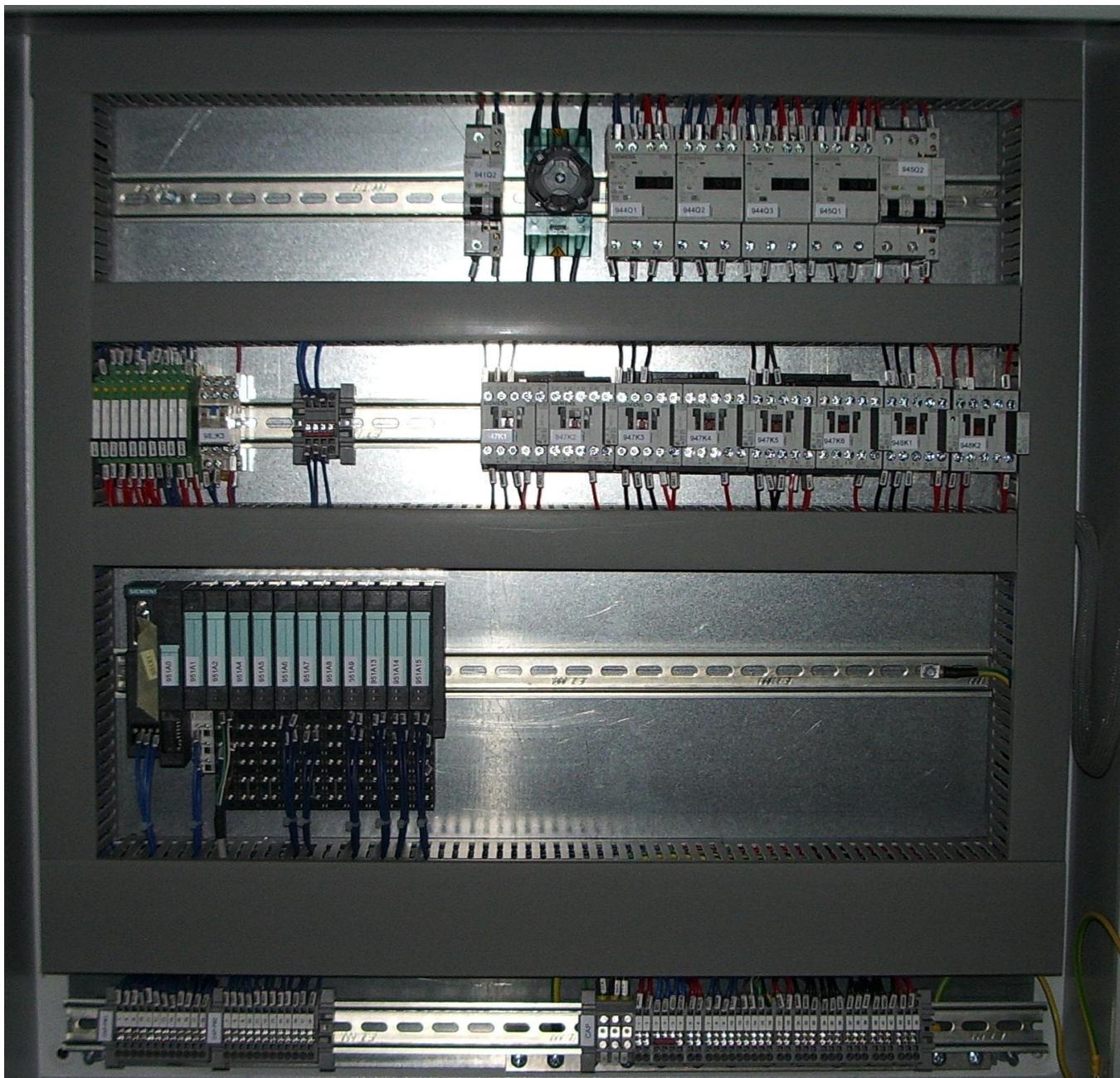
760

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	LOCAL PANEL TAKE UP LAYOUT	DW0057070014	= DOC
			Dis.to	MF	1+6+12+18+24 B/630				+
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 58

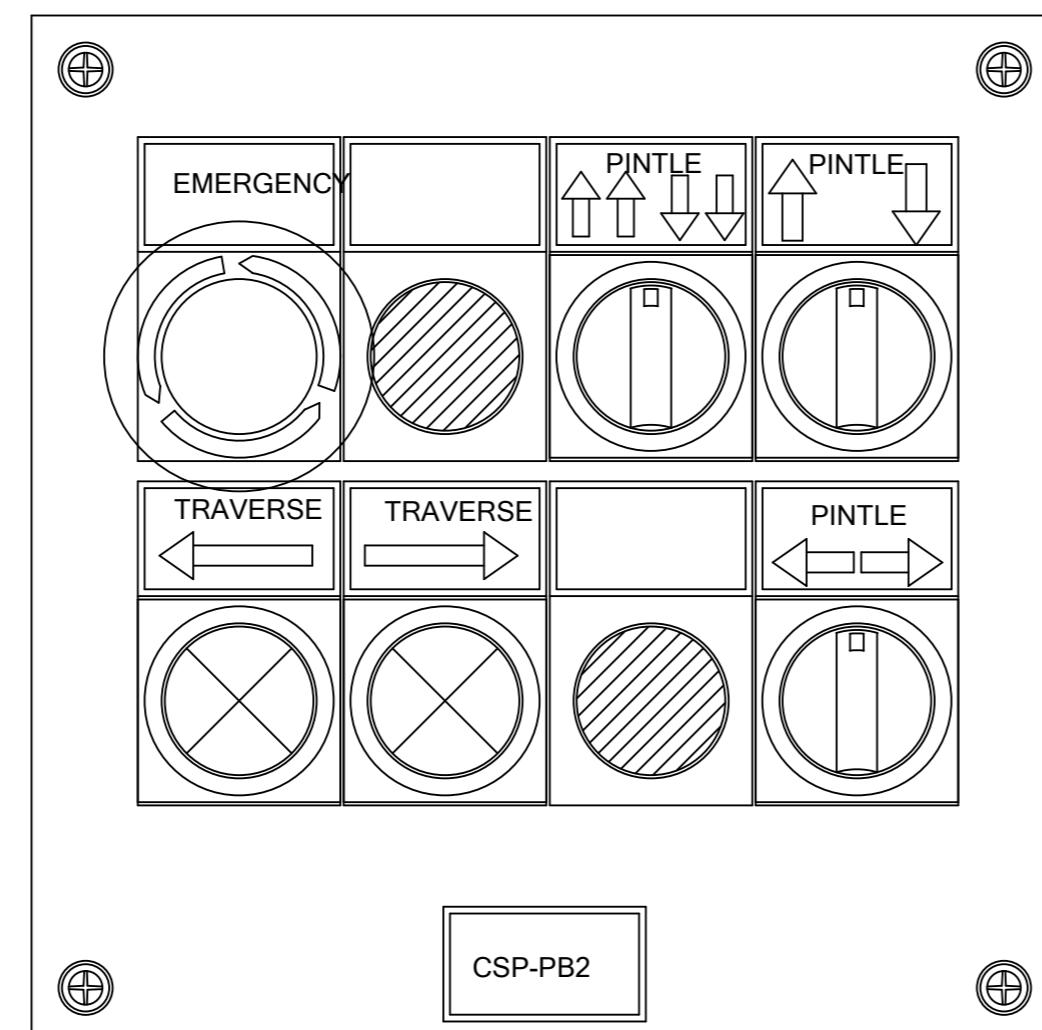
+MCB3

TAKE UP STAND

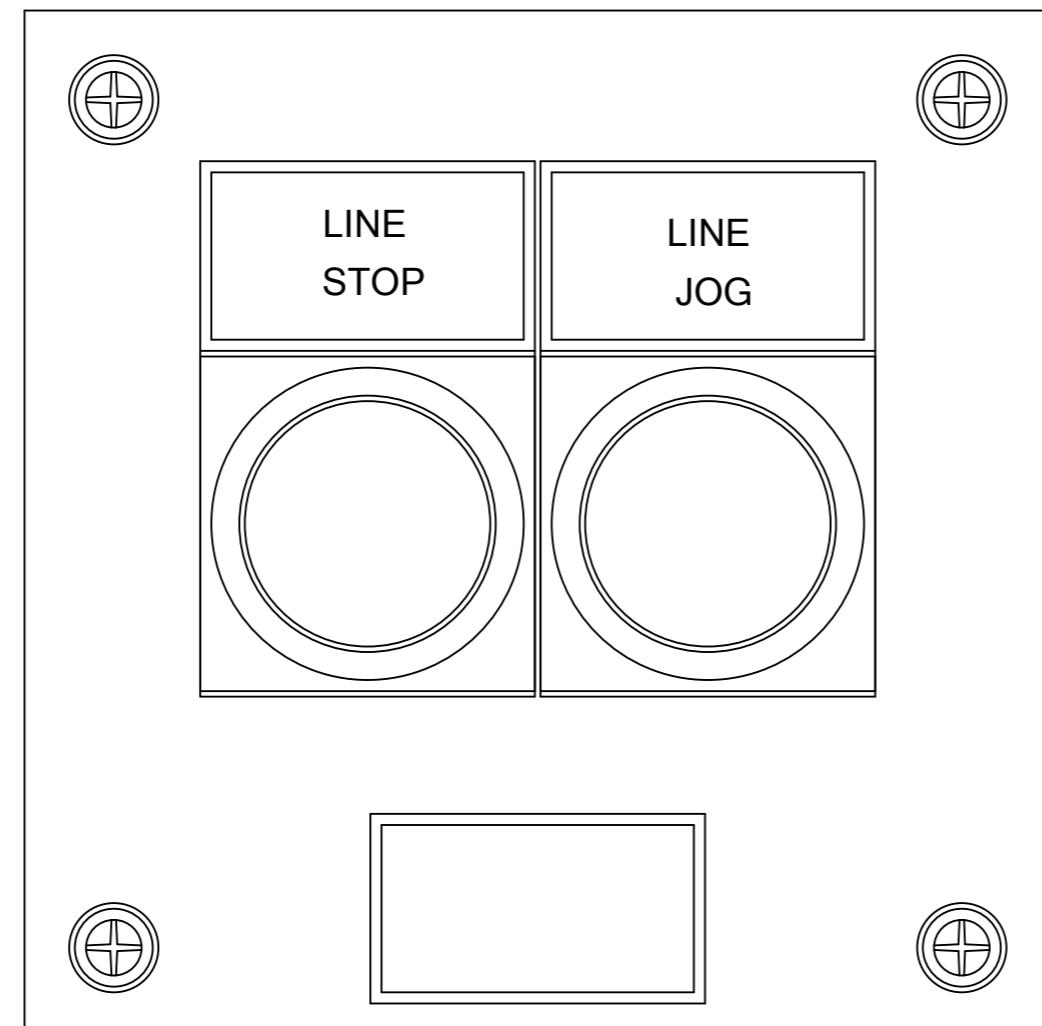
# CAMBIANO LE DIMENSIONI DIVENTA COME C. 18888



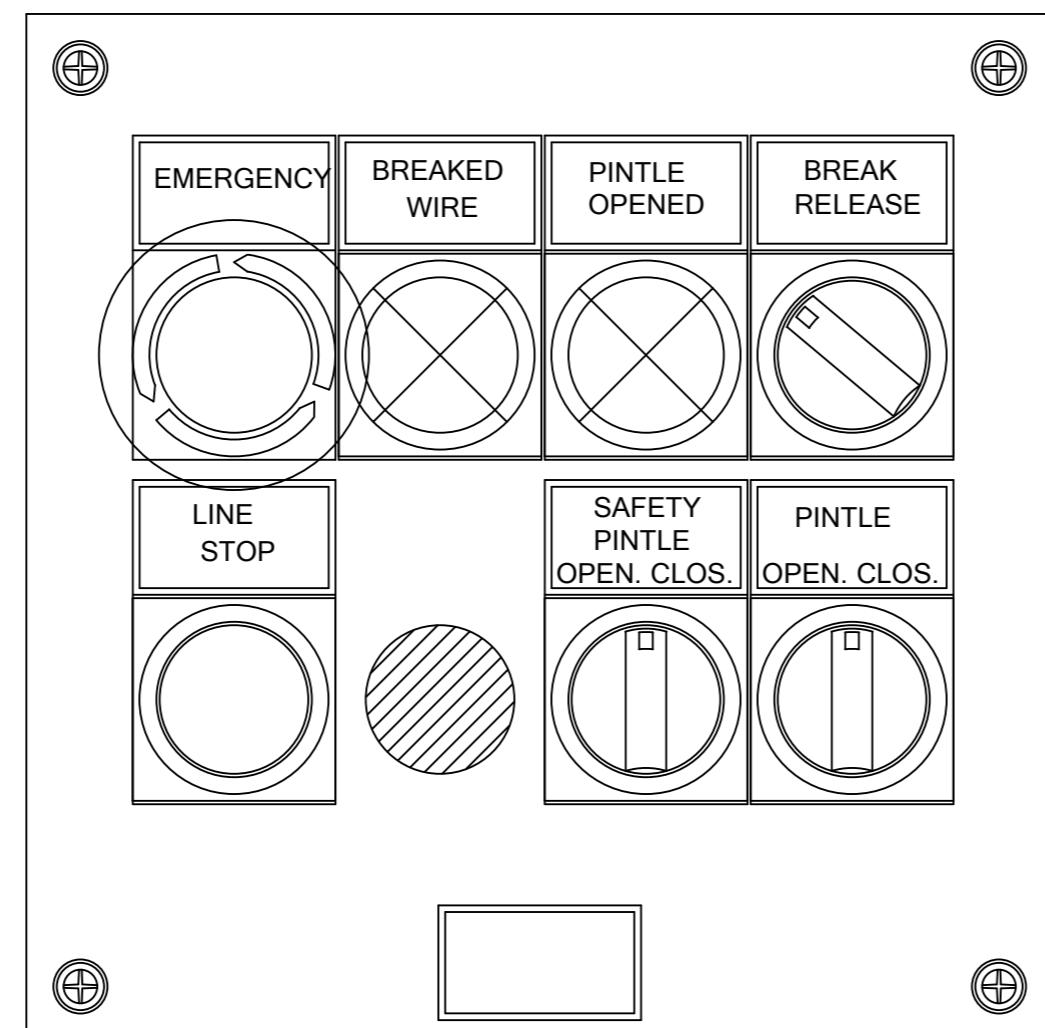
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		Dis.to	MF	1+6+12+18+24 B/630			+FOGLIO	59.1
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	Segue 60



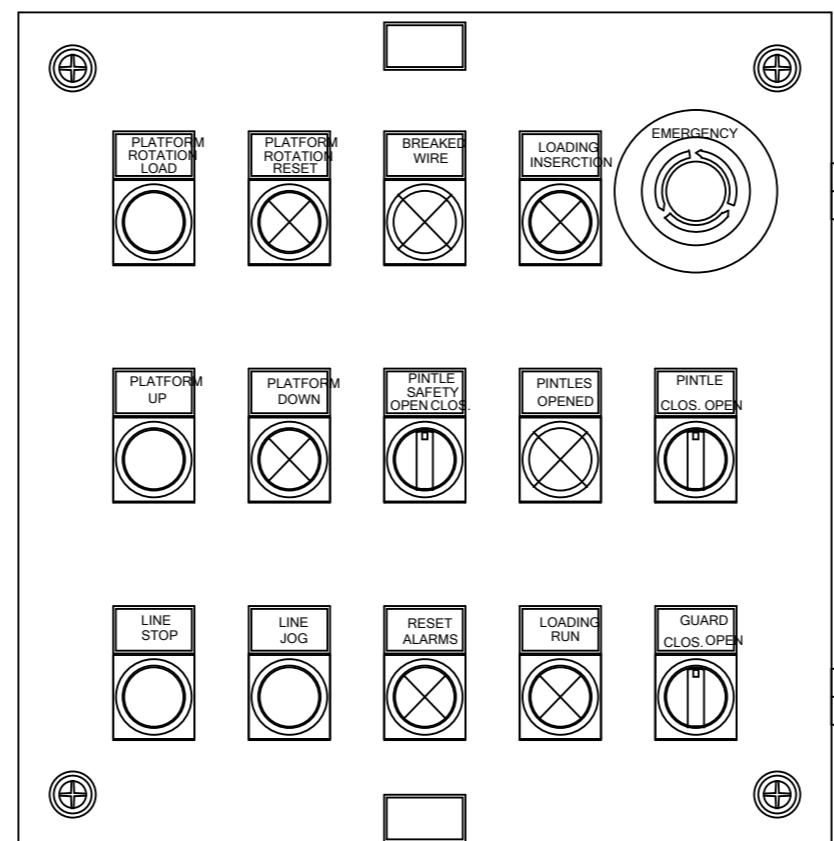
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			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					60 Segue



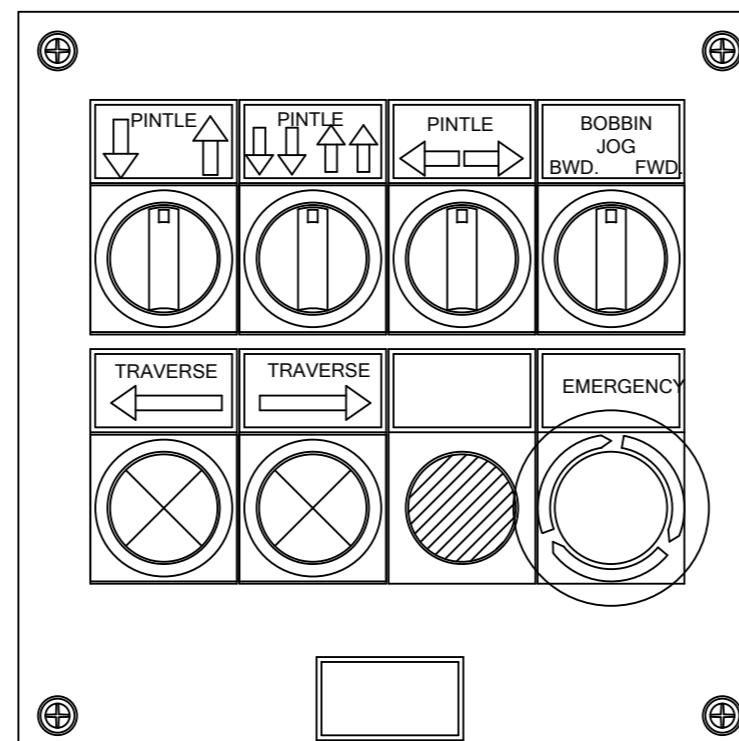
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			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					61 Segue



			Data	16.Feb.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	GIELE00032-FSF.dwg	DW0057070014 C.19068	= DOC
			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					62 Segue



			Data	16.Feb.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	GIELE00137 - FFOG6_12_18_24.dwg	DW0057070014  C.19068	= DOC
			Dis.to	MF					+ FOGLIO
									63
Revisione	Data	Nome	NORME	IEC-CEI					Segue 65



+MCB1

RIGID STRANDING MACHINE  
C.19000

+MCB2

PAY-OFF STAND

+MCB3

TAKE-UP STAND

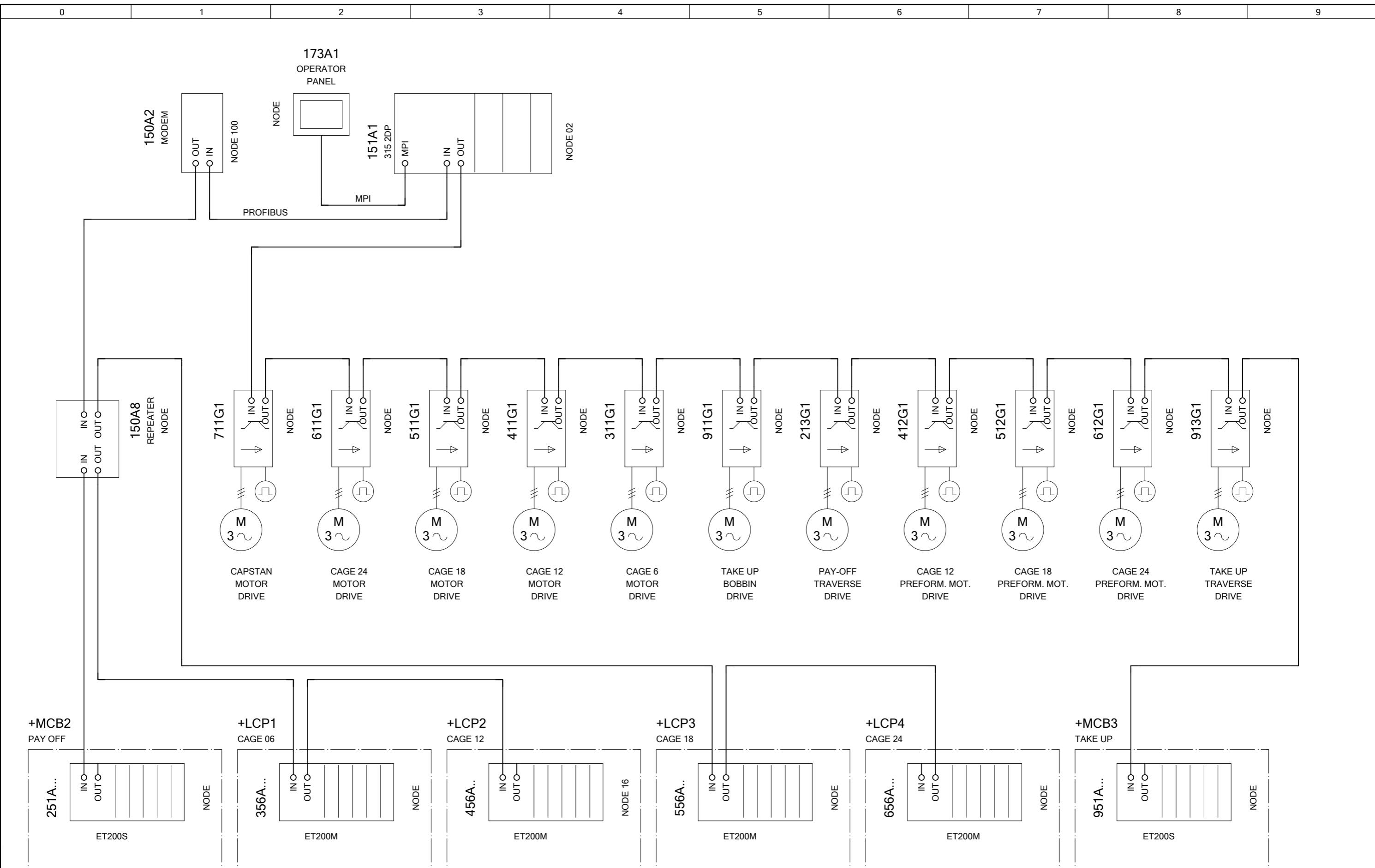
+OPC

MAIN  
OPERATOR PANEL

+CAP\_OPc

TAKE-UP  
OPERATOR PANEL

			Data	29.Gen.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	MCB1 PLATES	DW0057070014	= DOC
			Dis.to	MF				+FOGLIO	75
								C.19068	Segue 80
Revisione	Data	Nome	NORME	IEC-CEI					



			Data	14.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	COMMUNICATION LAYOUT	DW0057070014  C.19068	= DOC
			Dis.to	MF					+
									FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					80 Segue =FEED+MCB1/101

0 1 2 3 4 5 6 7 8 9

GENERAL CIRCUIT  
BREAKERS

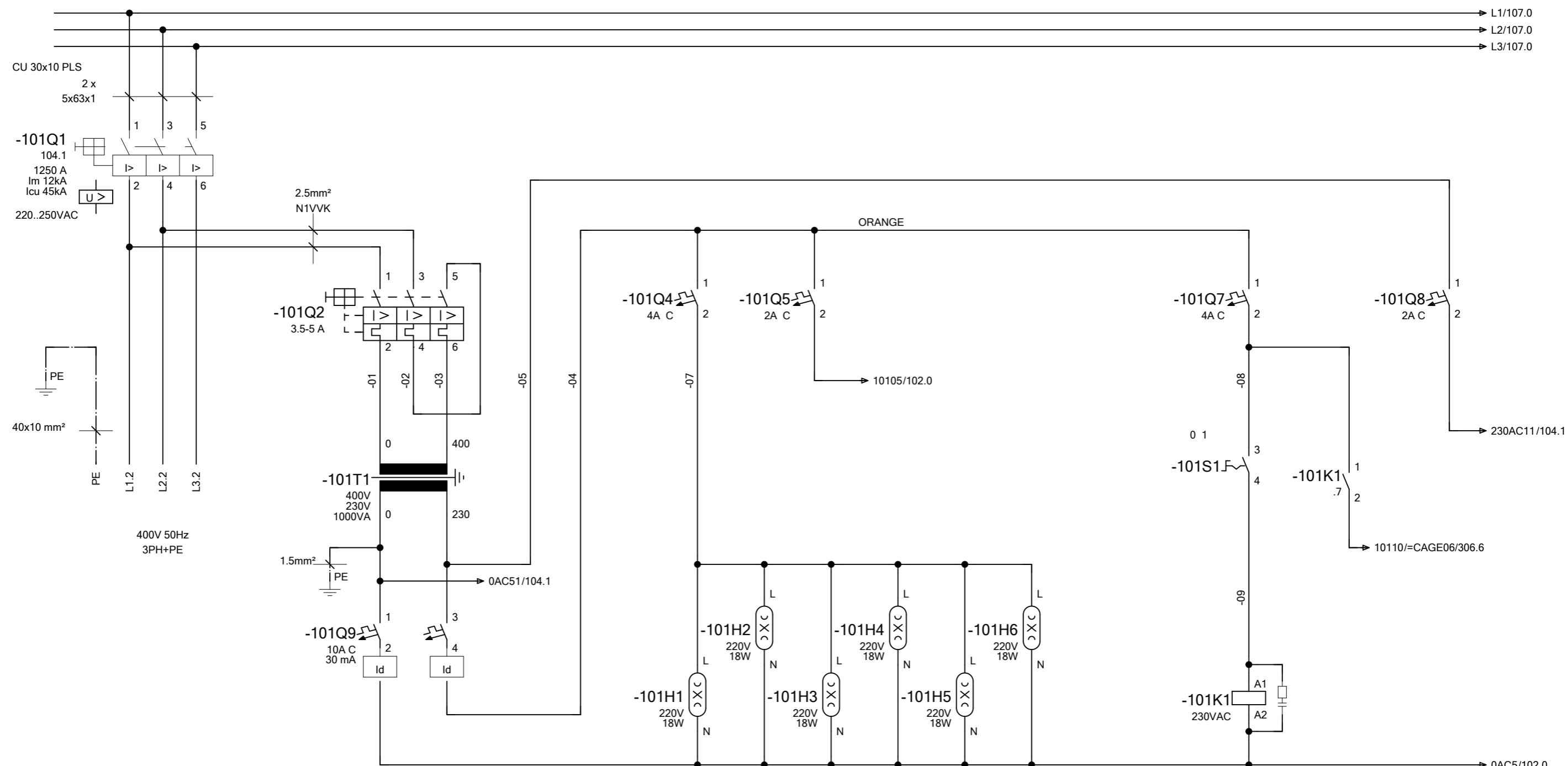
AUXILIARY SUPPLY

CABINETS  
LAMPS

SERVICE SOCKETS

MACHINE LIGHTING

UNDERVOLTAGE RELEASE



ATTENZIONE:



CIRCUITO SOTTO TENSIONE ANCHE A  
INTERRUTTORE GENERALE APERTO

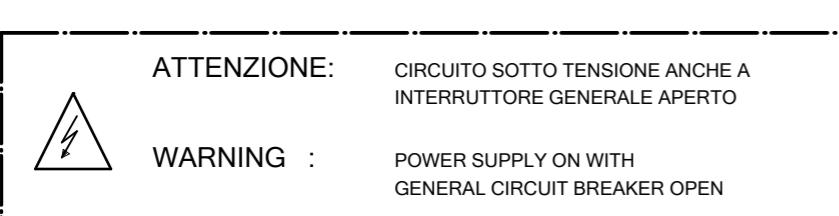
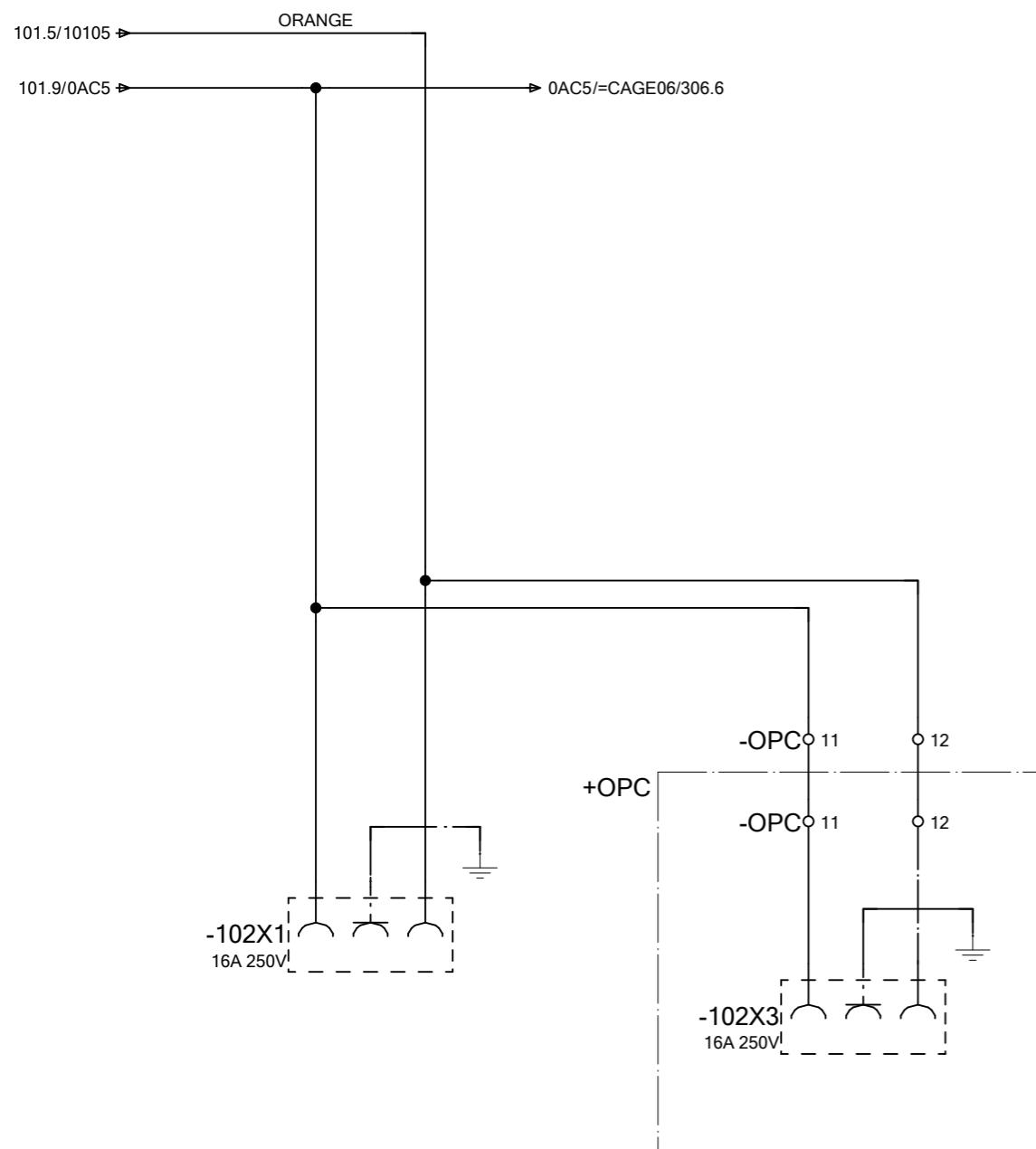
WARNING :

POWER SUPPLY ON WITH  
GENERAL CIRCUIT BREAKER OPEN

1 - .8

			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	GENERAL CIRCUIT BREAKERS	DW0057070014	= FEED
			Dis.to	MF					+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI				FOGLIO	101
								Segue	102

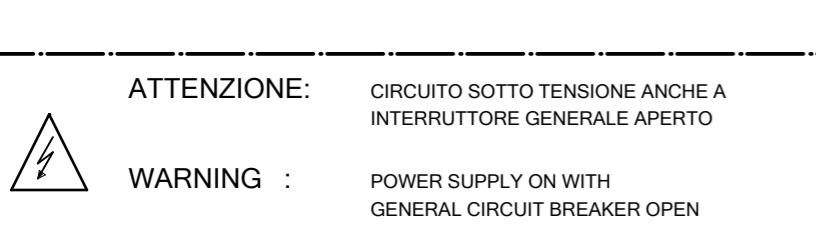
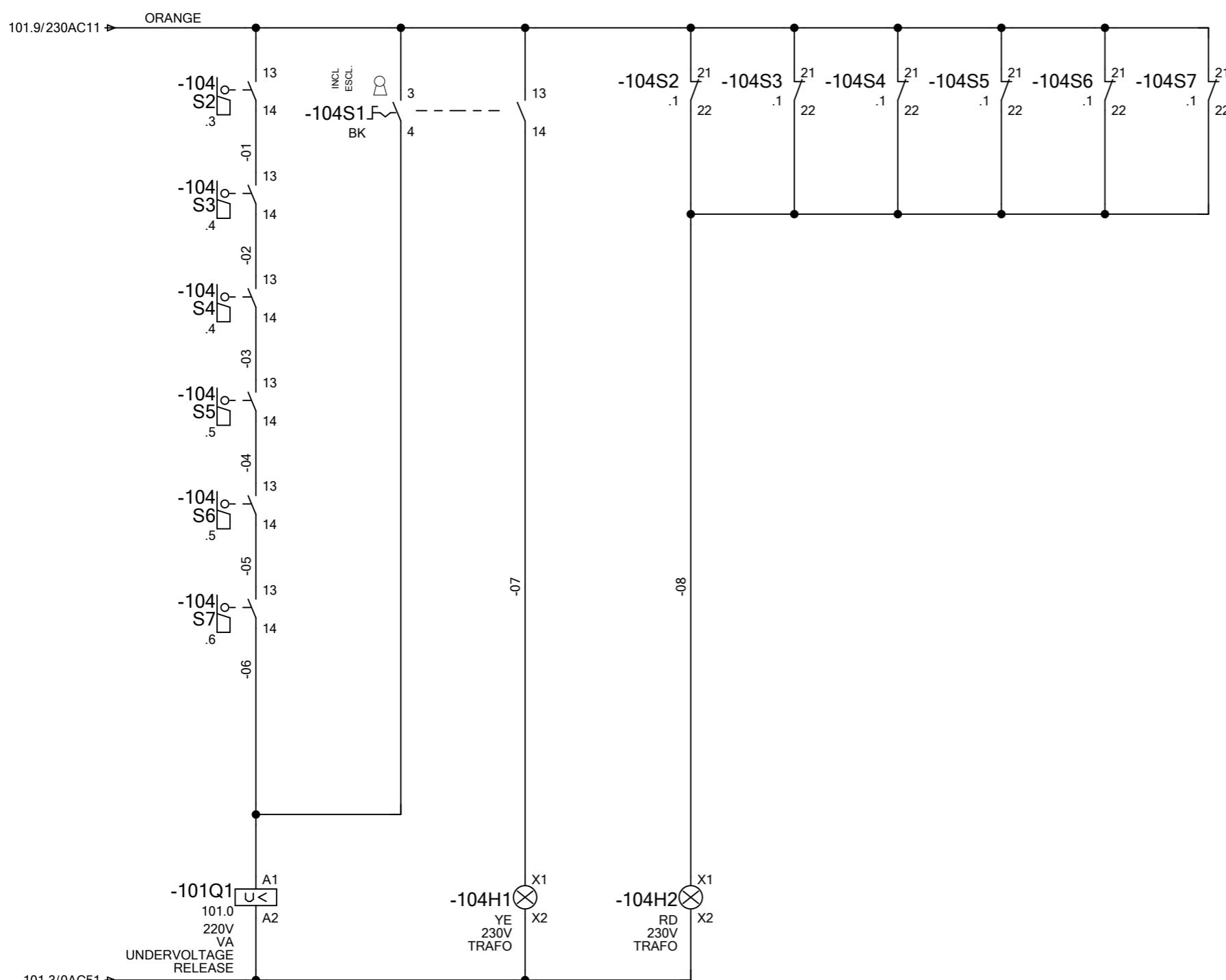
230V SERVICE SOCKET



DOORS LIMIT SW.

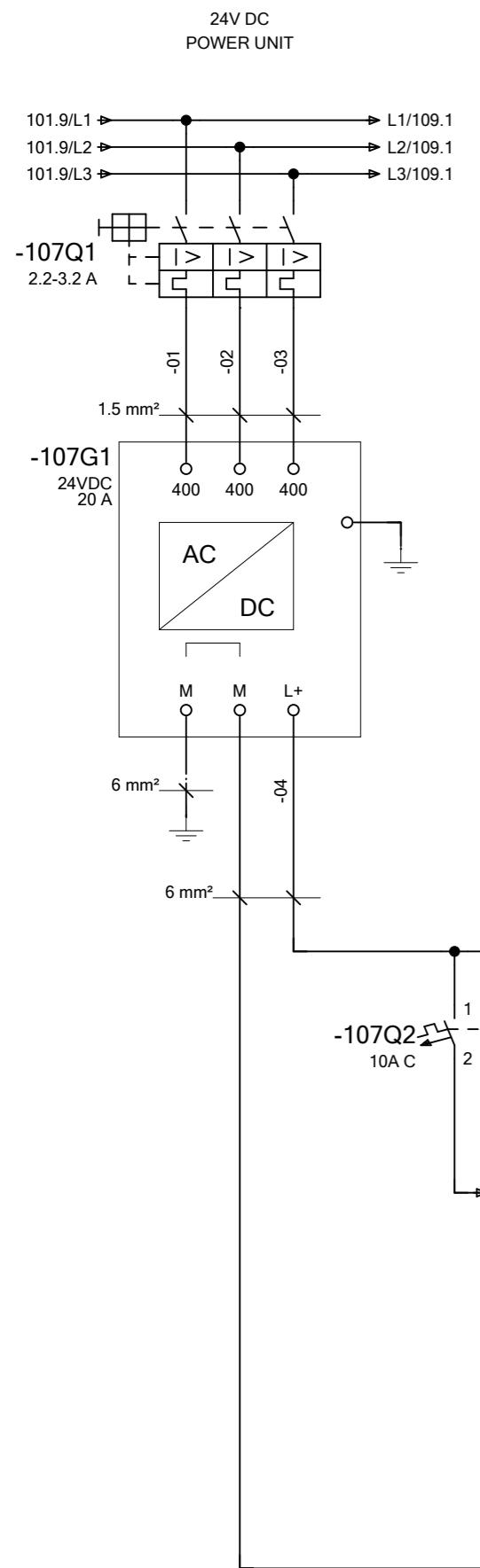
DOORS OPENED

DOOR SAFETY ESCL



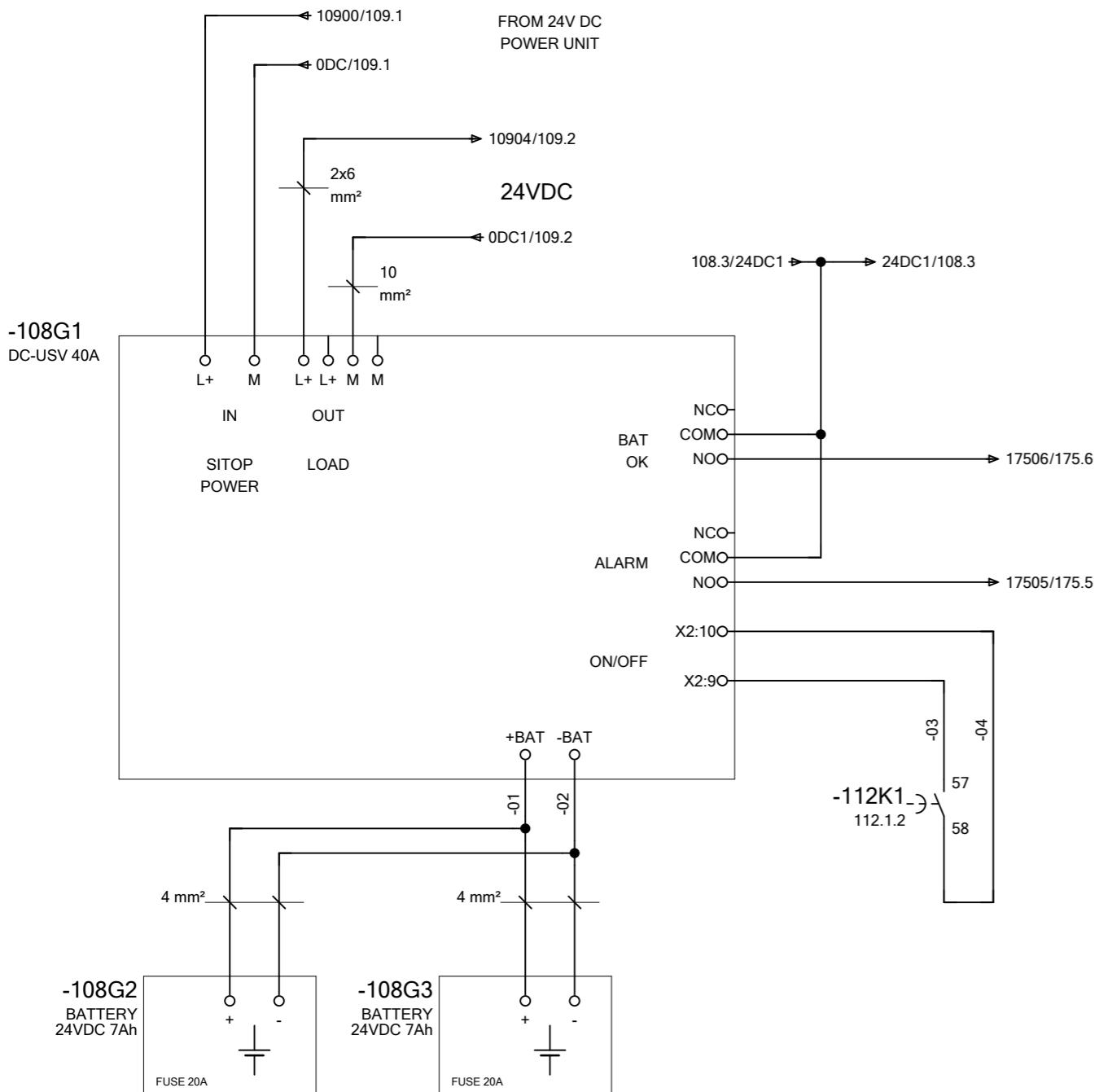
			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	UNDERVOLTAGE RELEASE	DW0057070014 C.19068	= FEED
			Dis.to	MF					+ MCB1
									FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					104 Segue

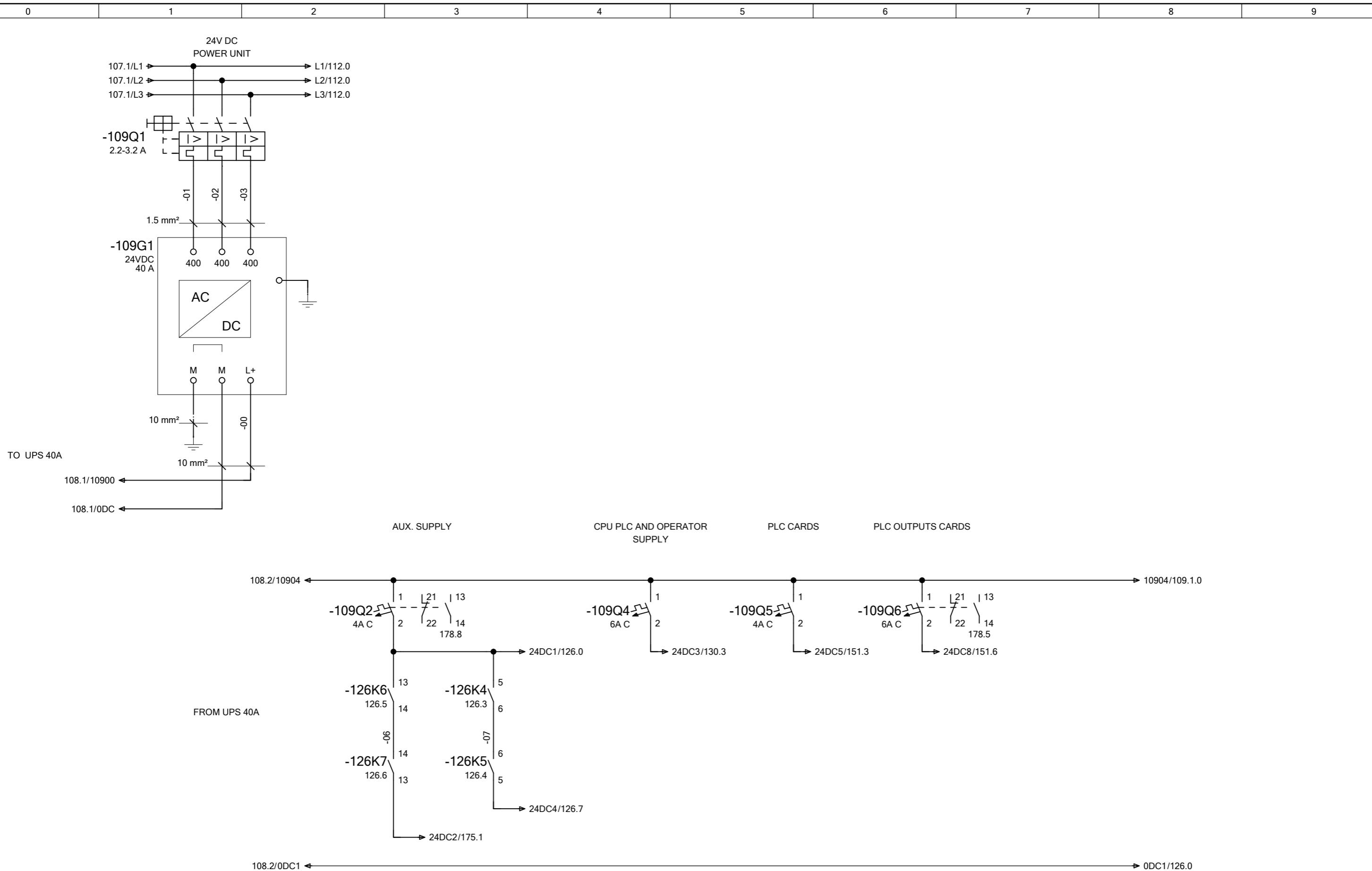
0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

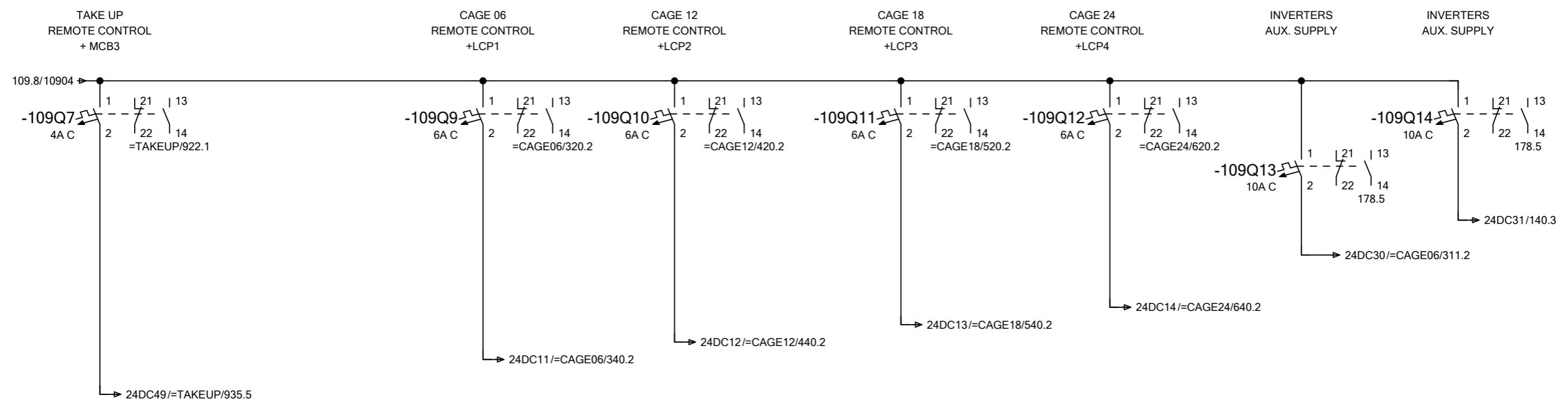


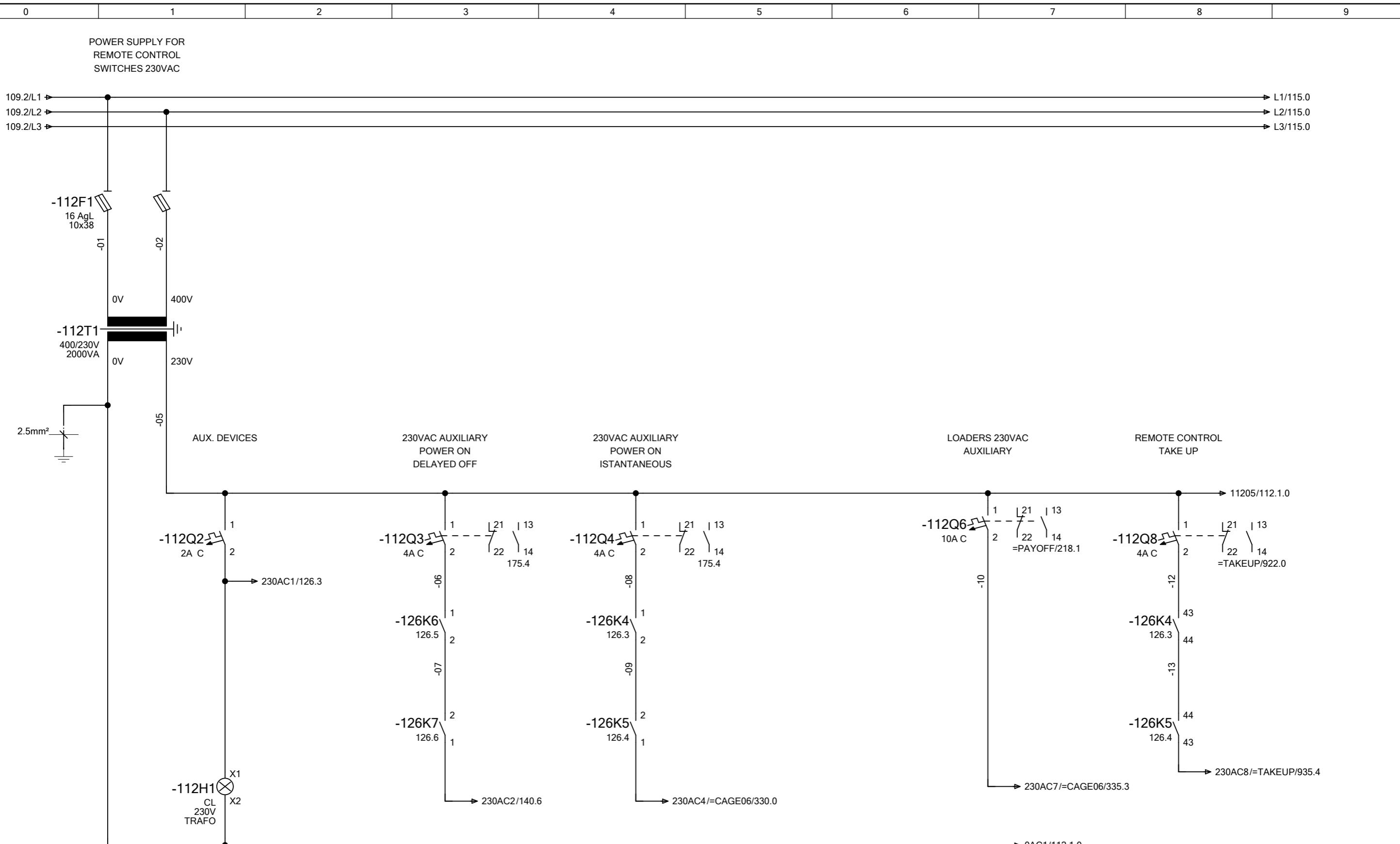
		Data	24.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	LOADERS 24VDC SUPPLY UNIT	DW0057070014	= FEED
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO 107

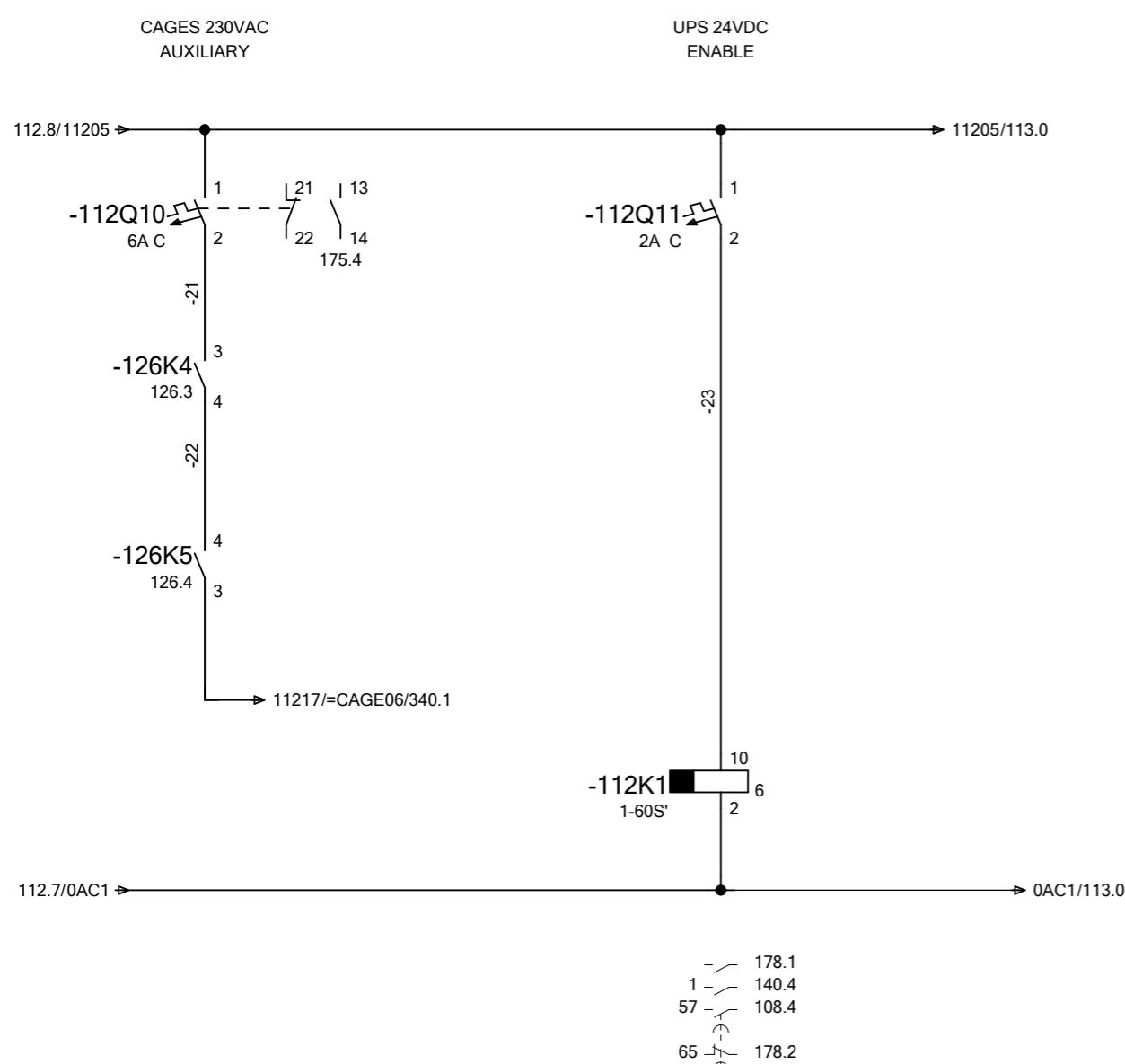
POWER DC UPS 40A







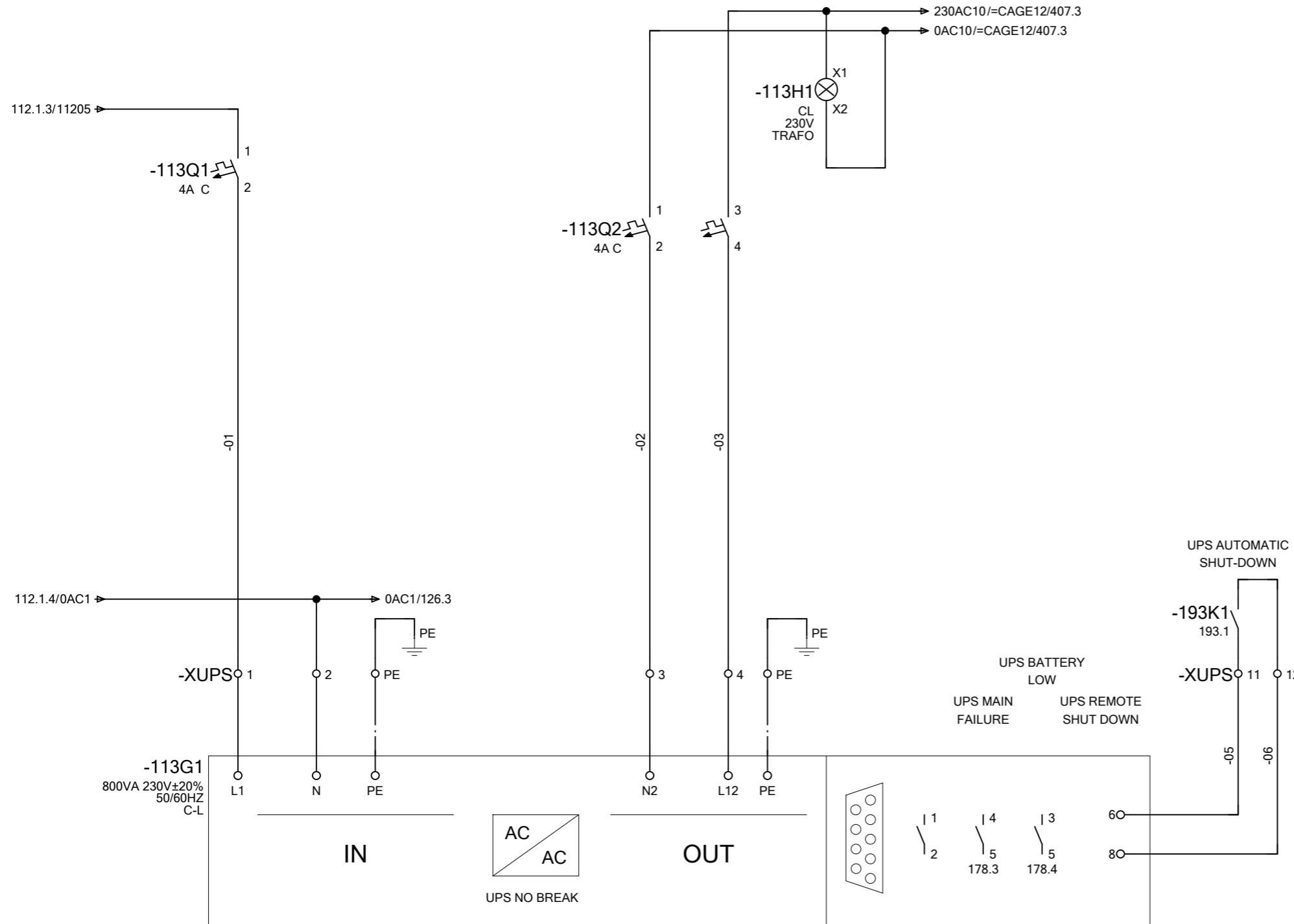




			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	230VAC AUXILIARY SUPPLY	DW0057070014 C.19068	= FEED
			Dis.to	MF					+ MCB1
									FOGLIO 112.1
Revisione	Data	Nome	NORME	IEC-CEI					Segue 113

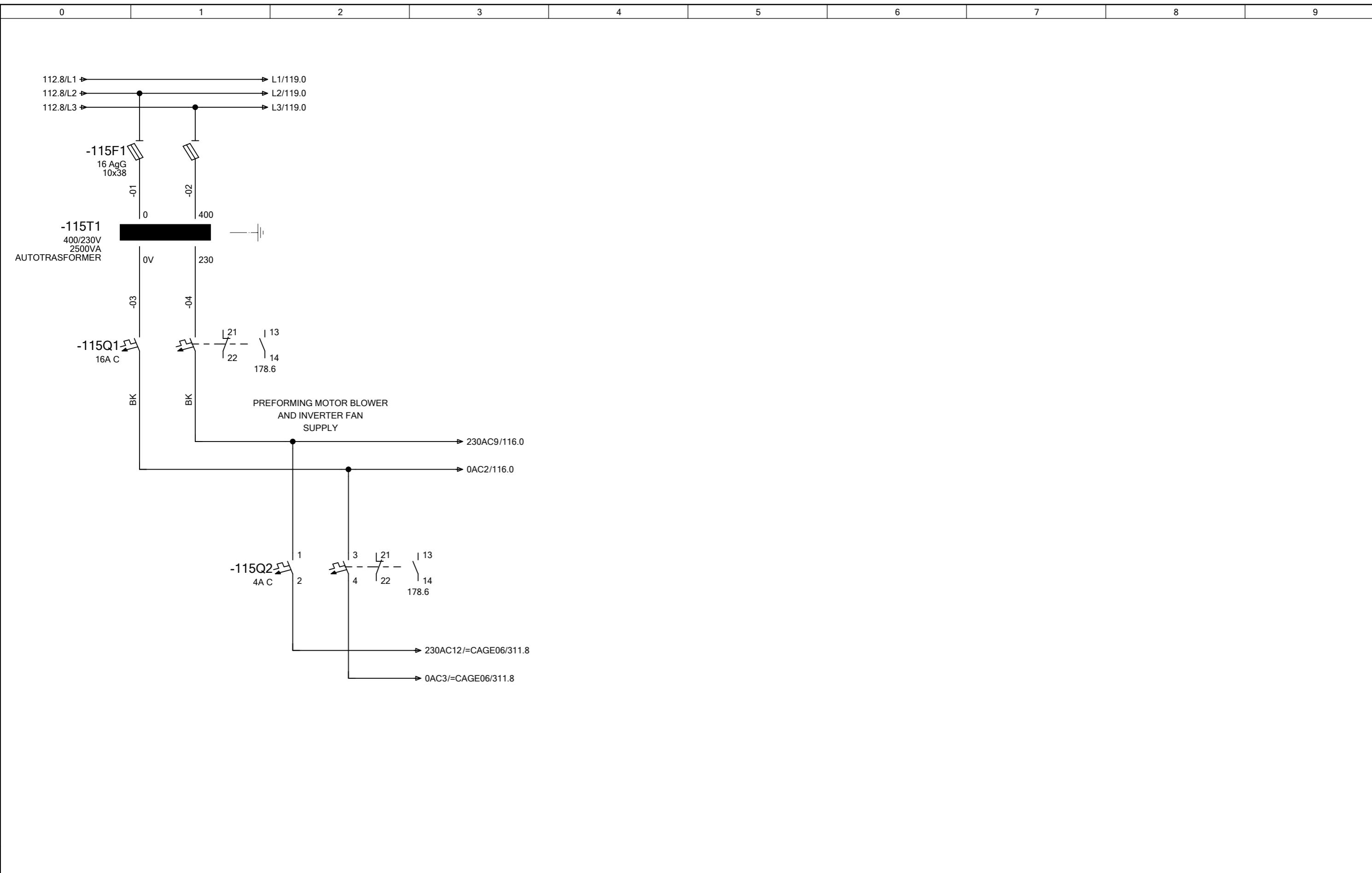
## UNINTERRUPTIBLE POWER SUPPLY

AUXILIARY UPS



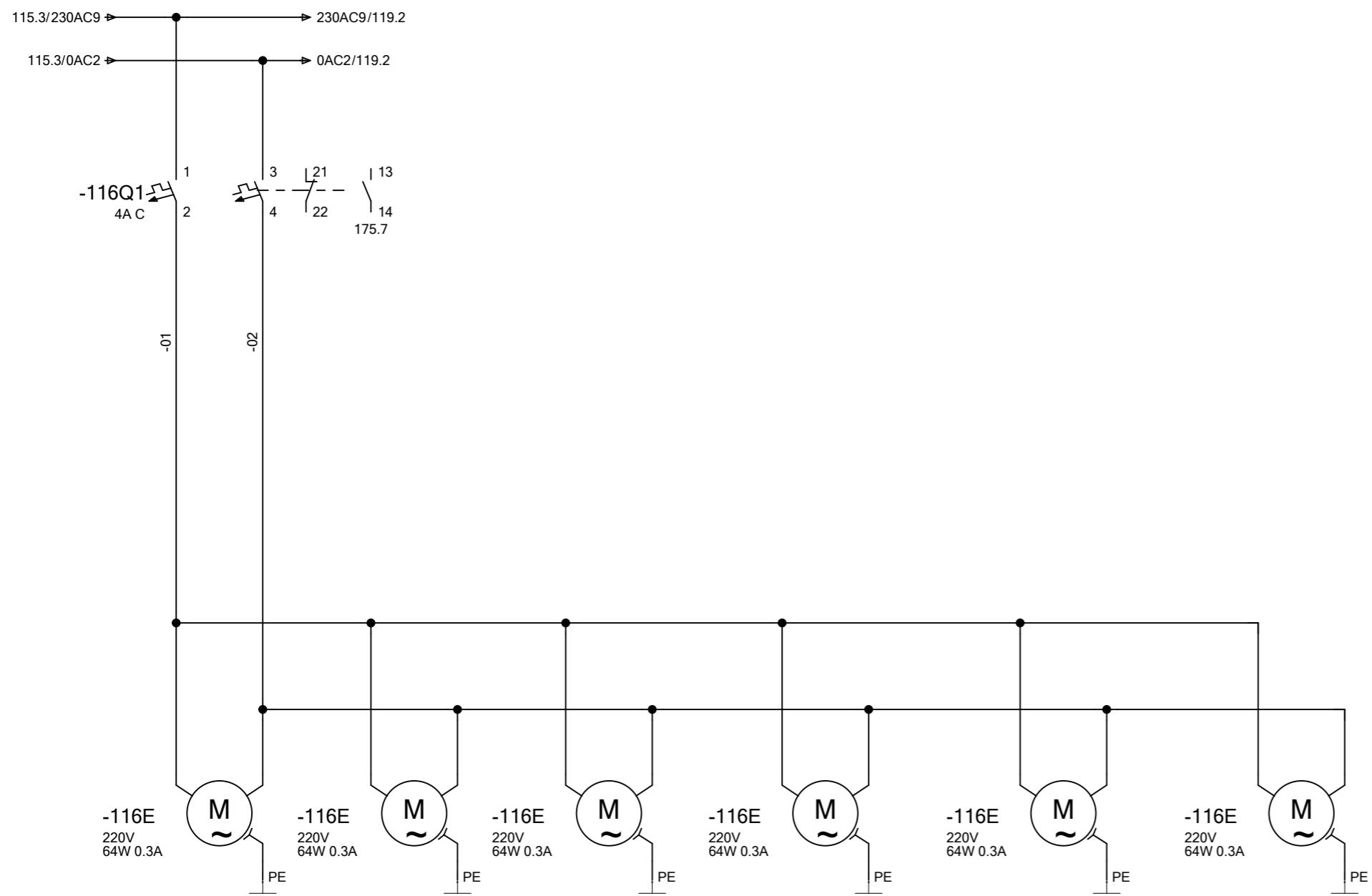
## **WARNING :**

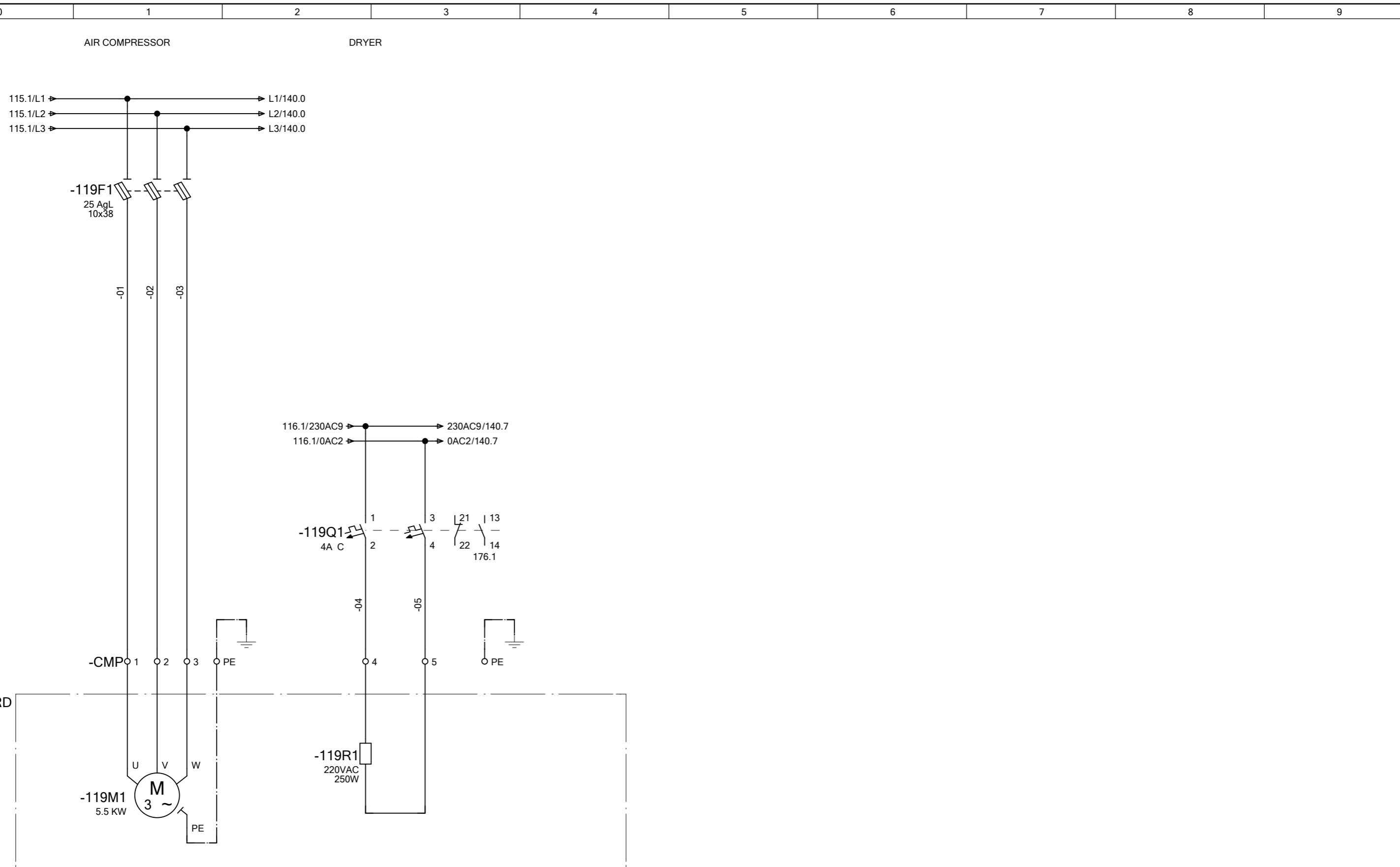
			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	230VAC AUXILIARY SUPPLY	DW0057070014 C.19068	= FEED	
			Dis.to	MF					+ MCB1	
									FOGLIO	113
Revisione	Data	Nome	NORME	IEC-CEI					Segue	115

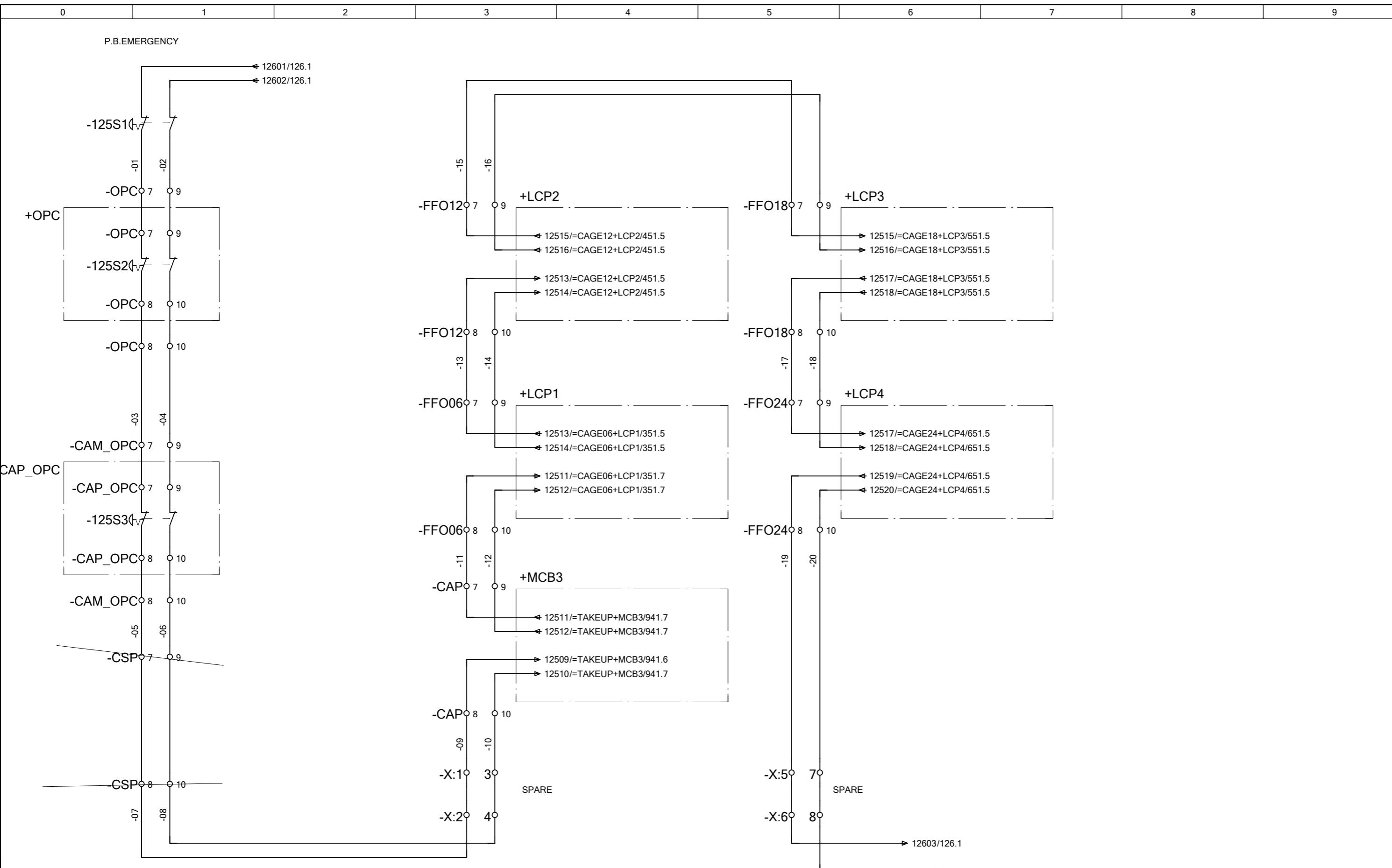


			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	230VAC AUXILIARY SUPPLY	DW0057070014 C.19068	= FEED	
			Dis.to	MF					+ MCB1	
									FOGLIO	115
Revisione	Data	Nome	NORME	IEC-CEI					Segue	116

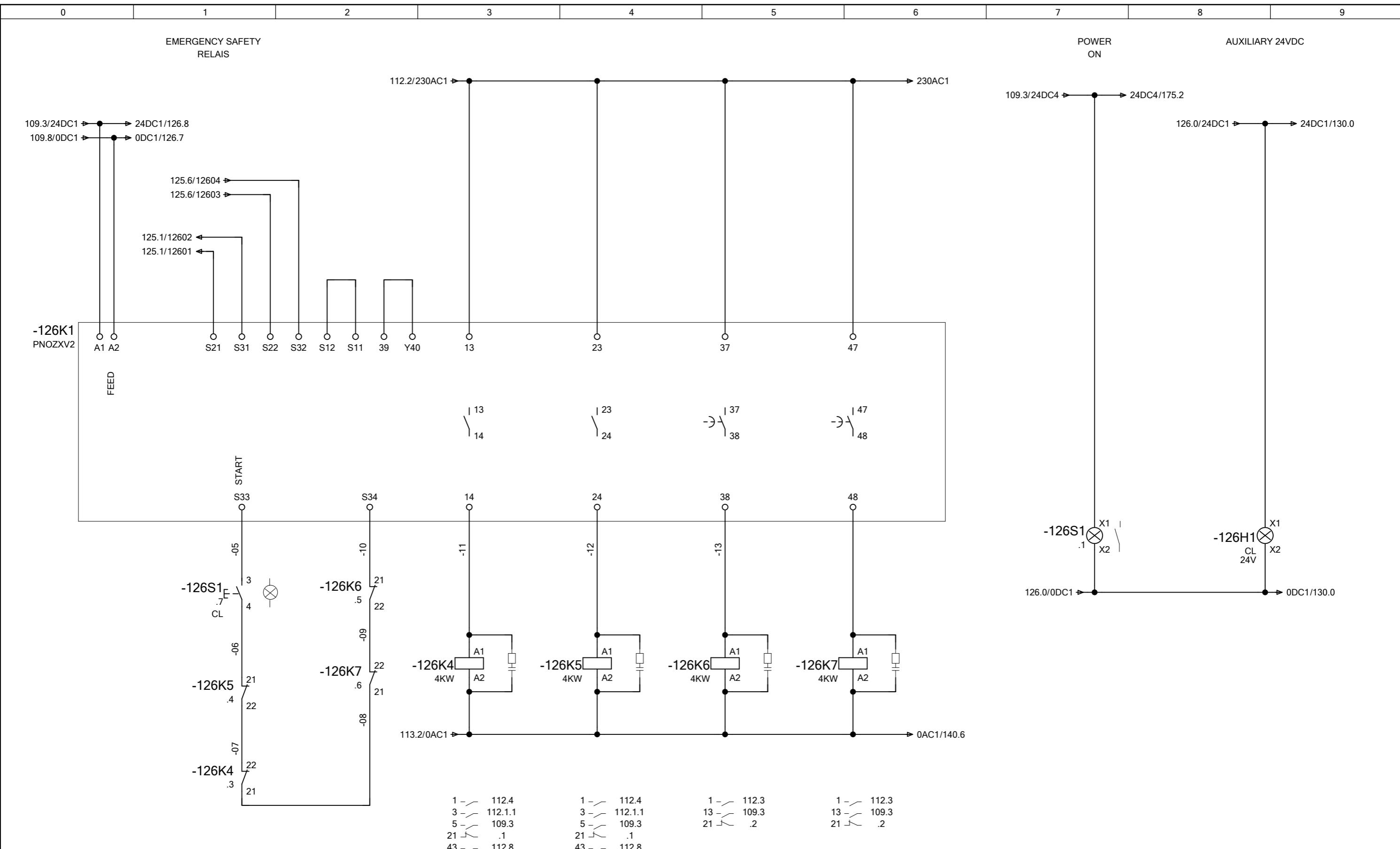
EL.CABINET FANS







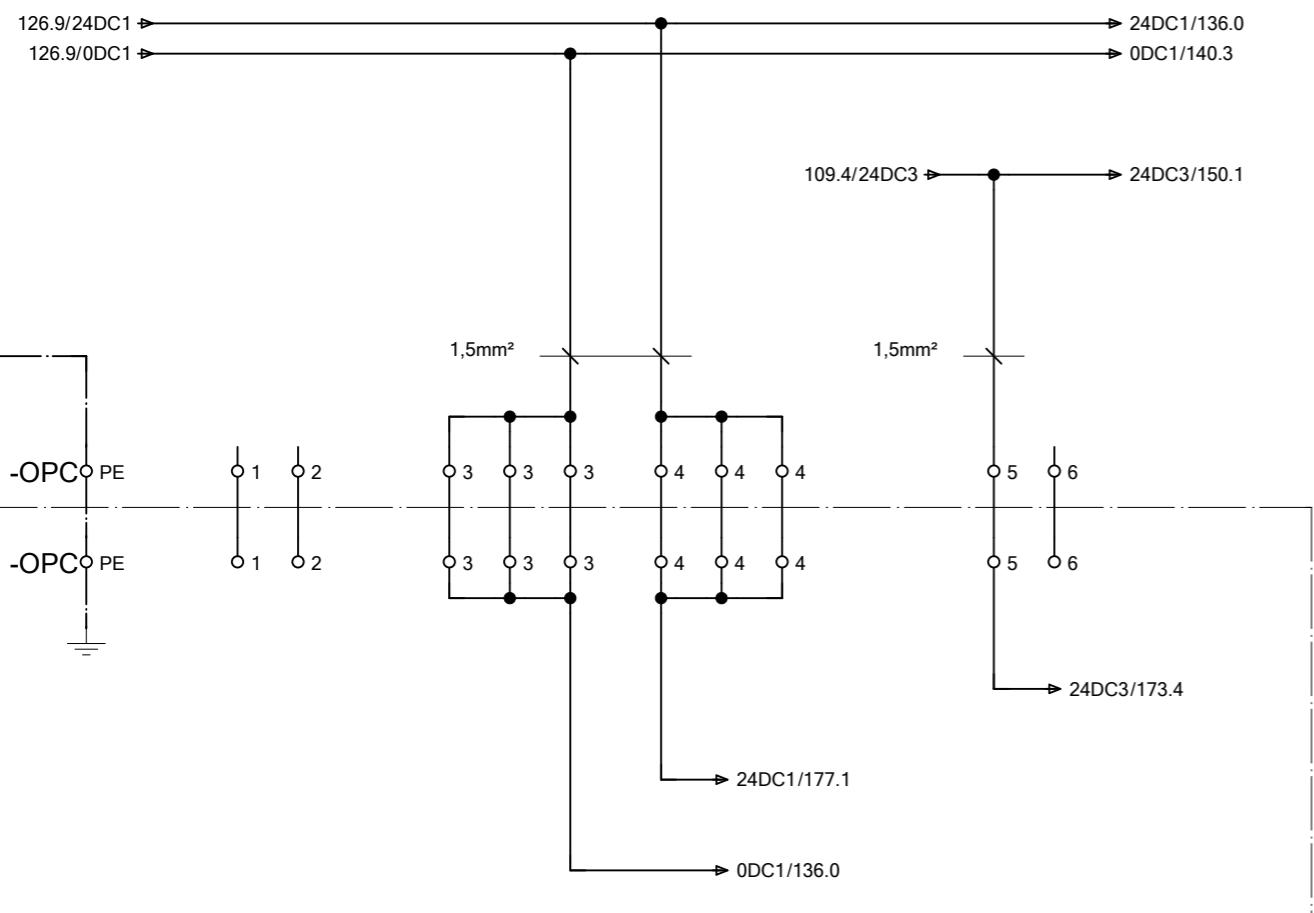
			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	EMERGENCY LINE	DW0057070014 C.19068	= FEED	
			Dis.to	MF					+ MCB1	
									FOGLIO	125
Revisione	Data	Nome	NORME	IEC-CEI					Segue	126



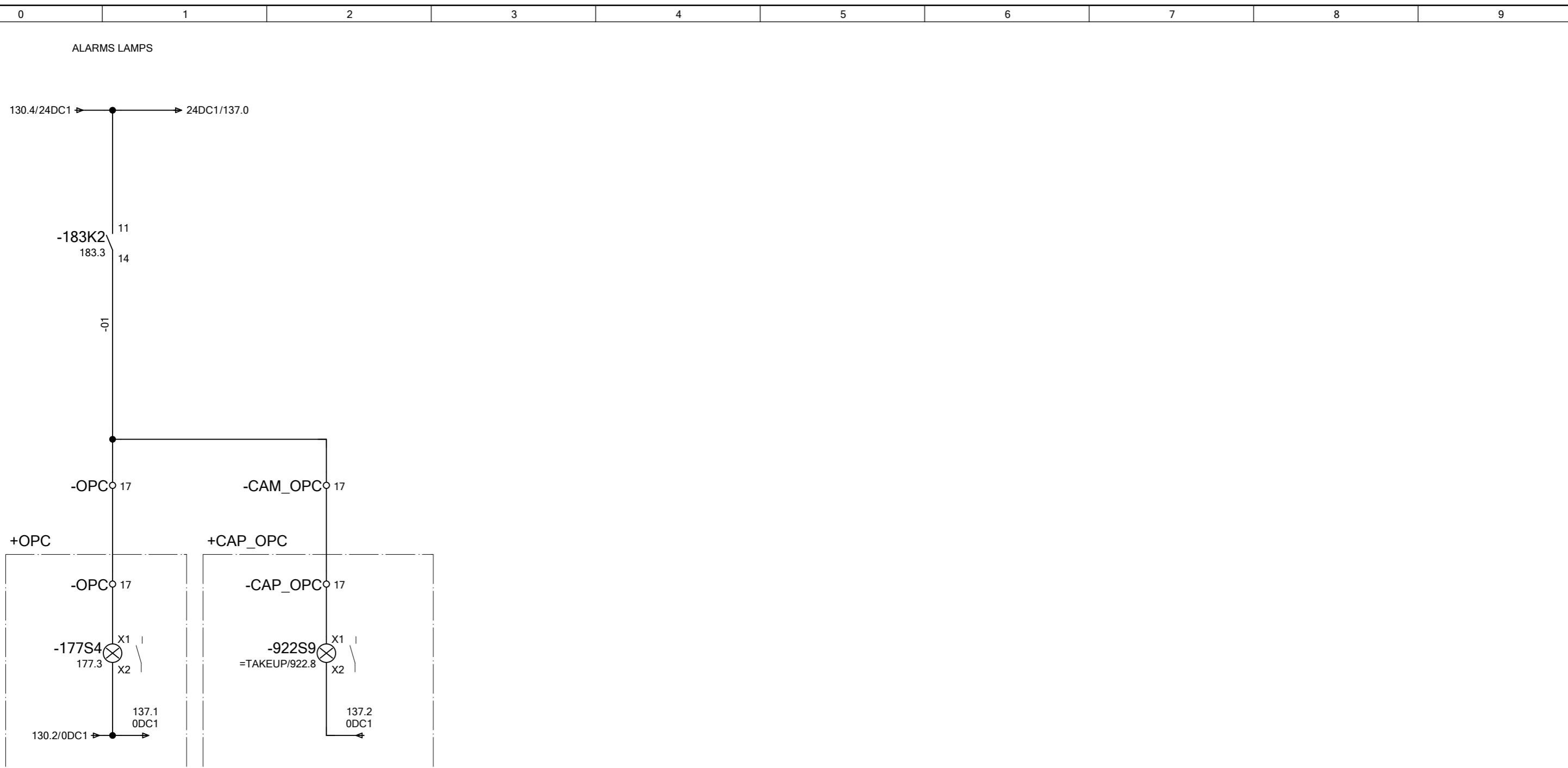
			Data	26.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	EMERGENCY SAFETY RELAIS	DW0057070014 C.19068	= FEED	
			Dis.to	MF					+ MCB1	
									FOGLIO	126
Revisione	Data	Nome	NORME	IEC-CEI					Segue	130

0	1	2	3	4	5	6	7	8	9
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OPC AUXILIARY



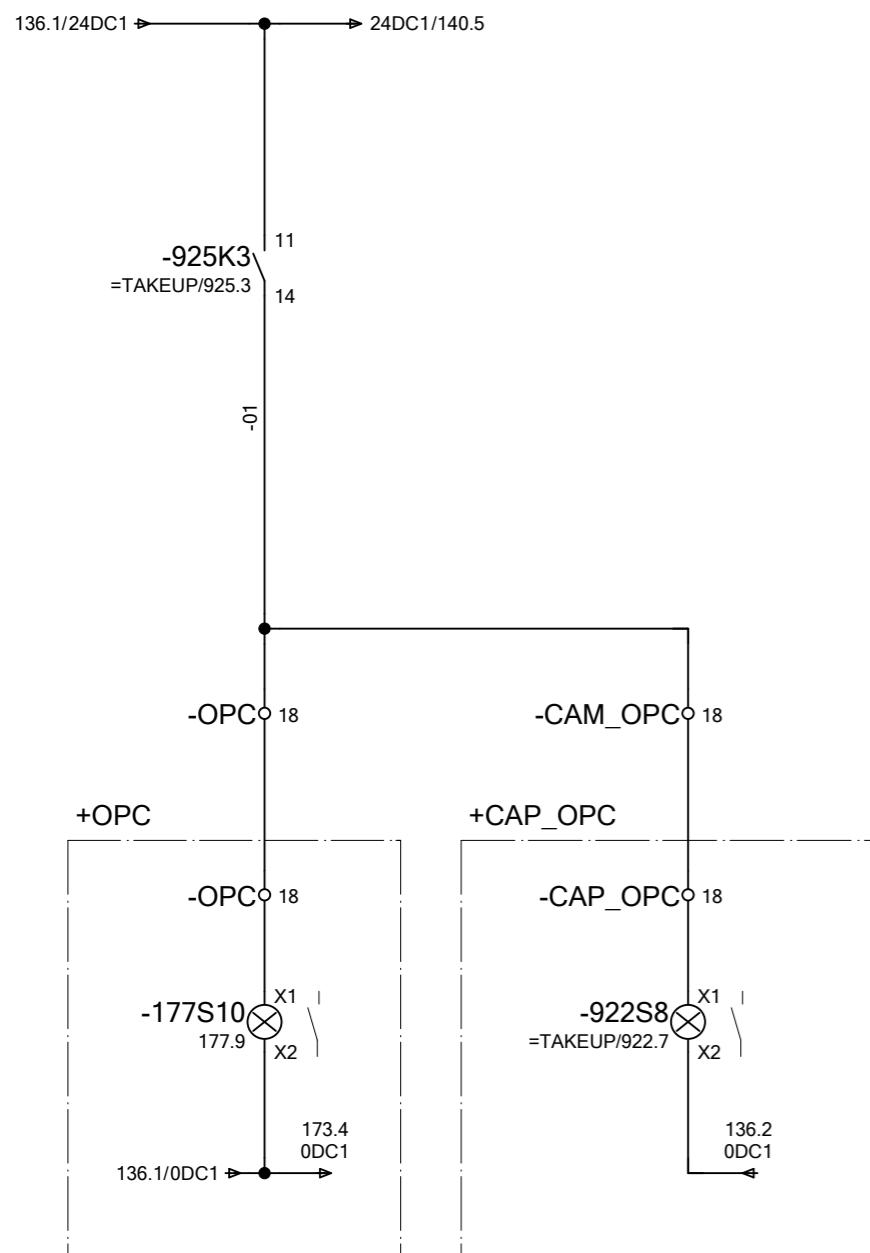
			Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AUXILIARY SUPPLY	DW0057070014	= FEED
			Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 130



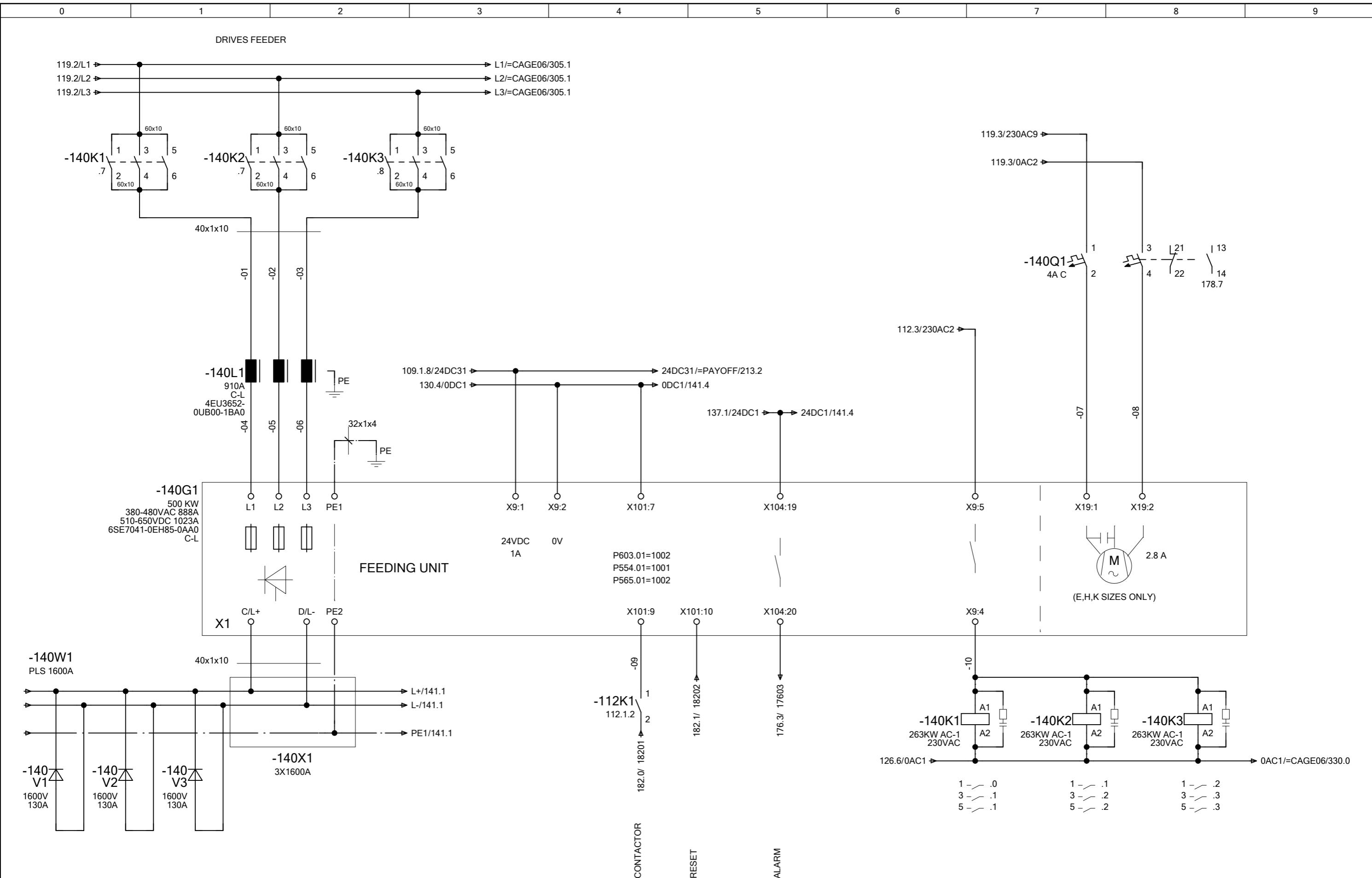
			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	AUXILIARY	DW0057070014 C.19068	= FEED	
			Dis.to	MF					+ MCB1	
									FOGLIO	136
Revisione	Data	Nome	NORME	IEC-CEI					Segue	137

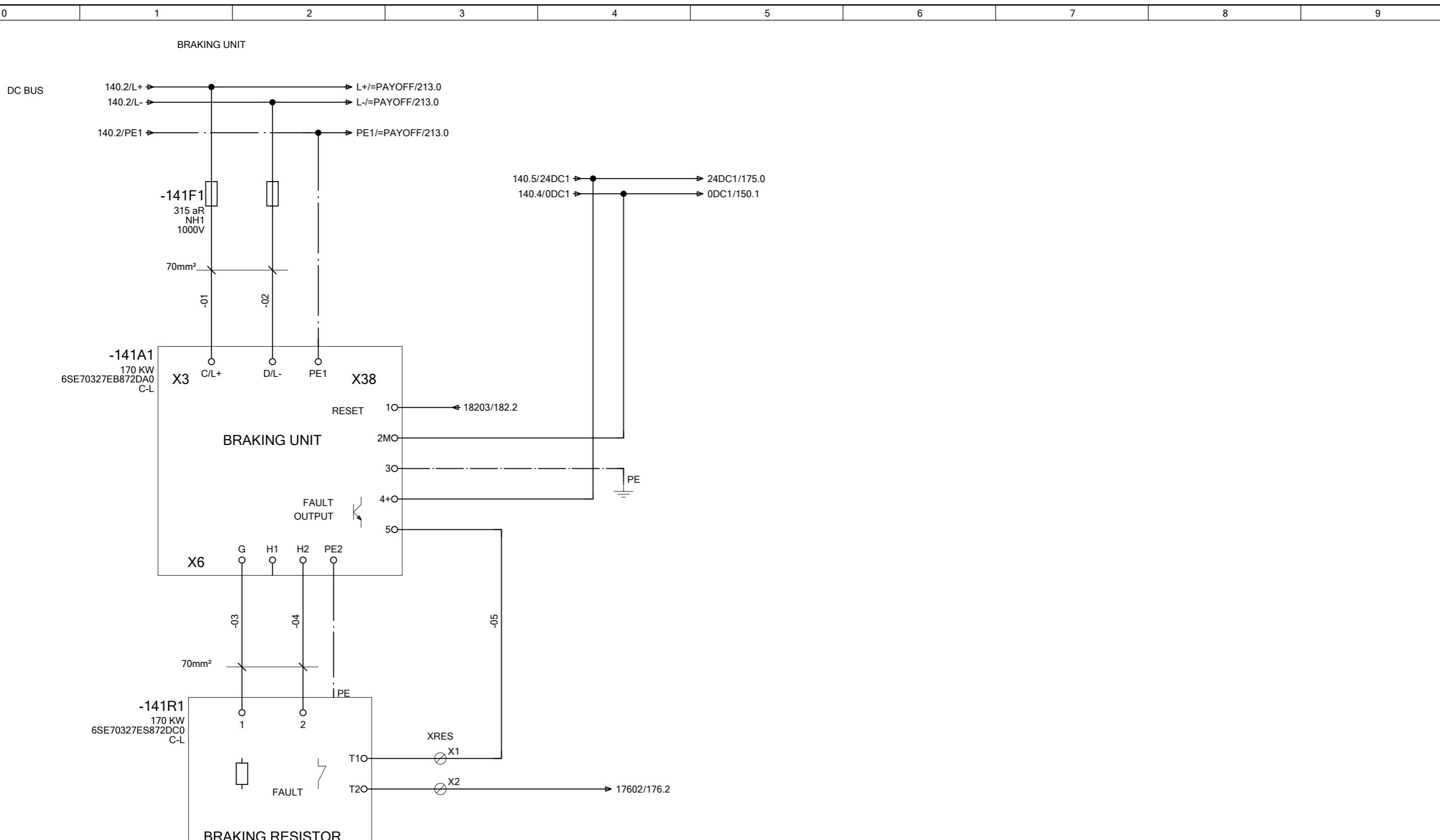
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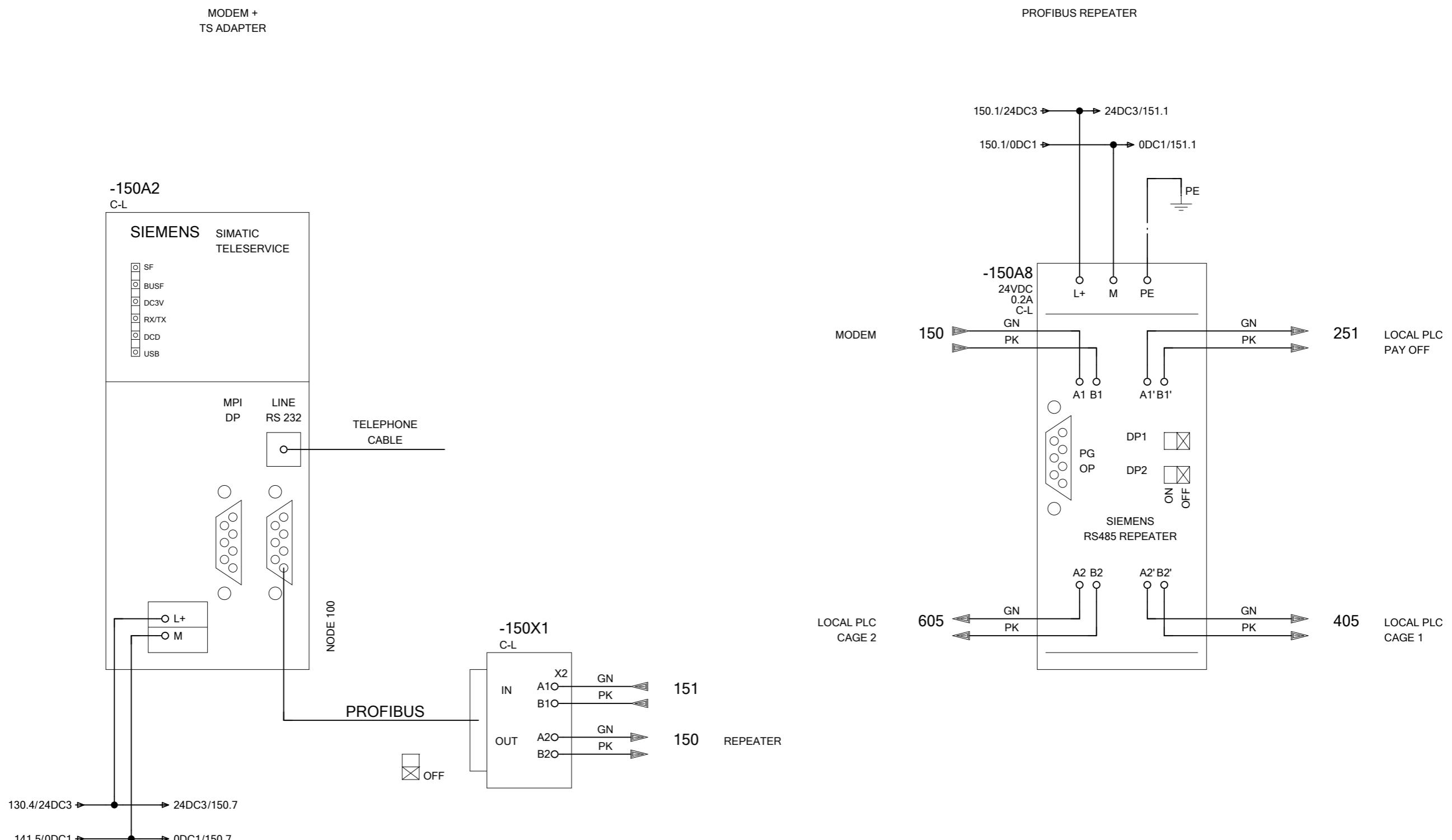
BOBBIN TAKEUP  
RUNNING



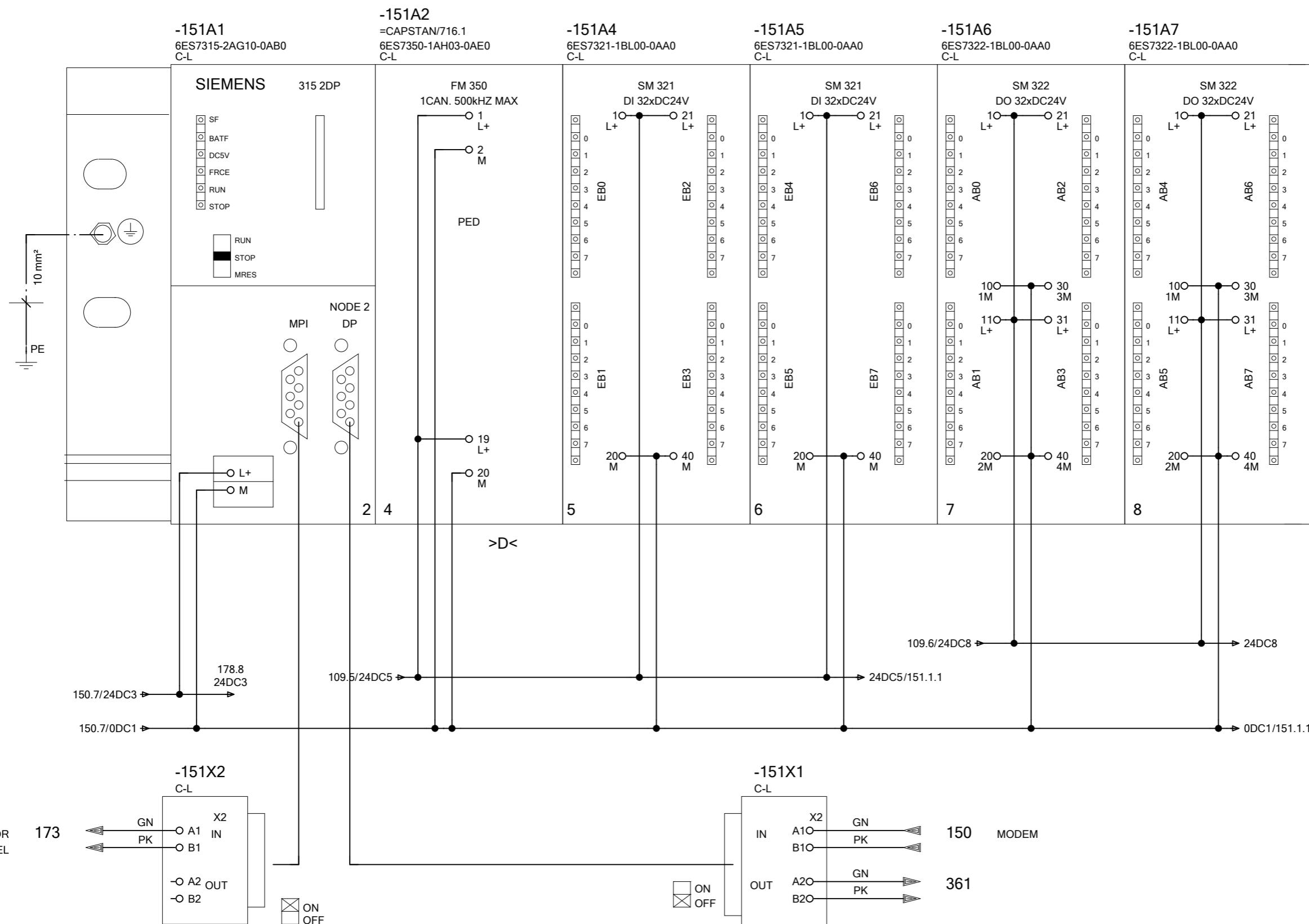
		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AUXILIARY	DW0057070014	= FEED
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO



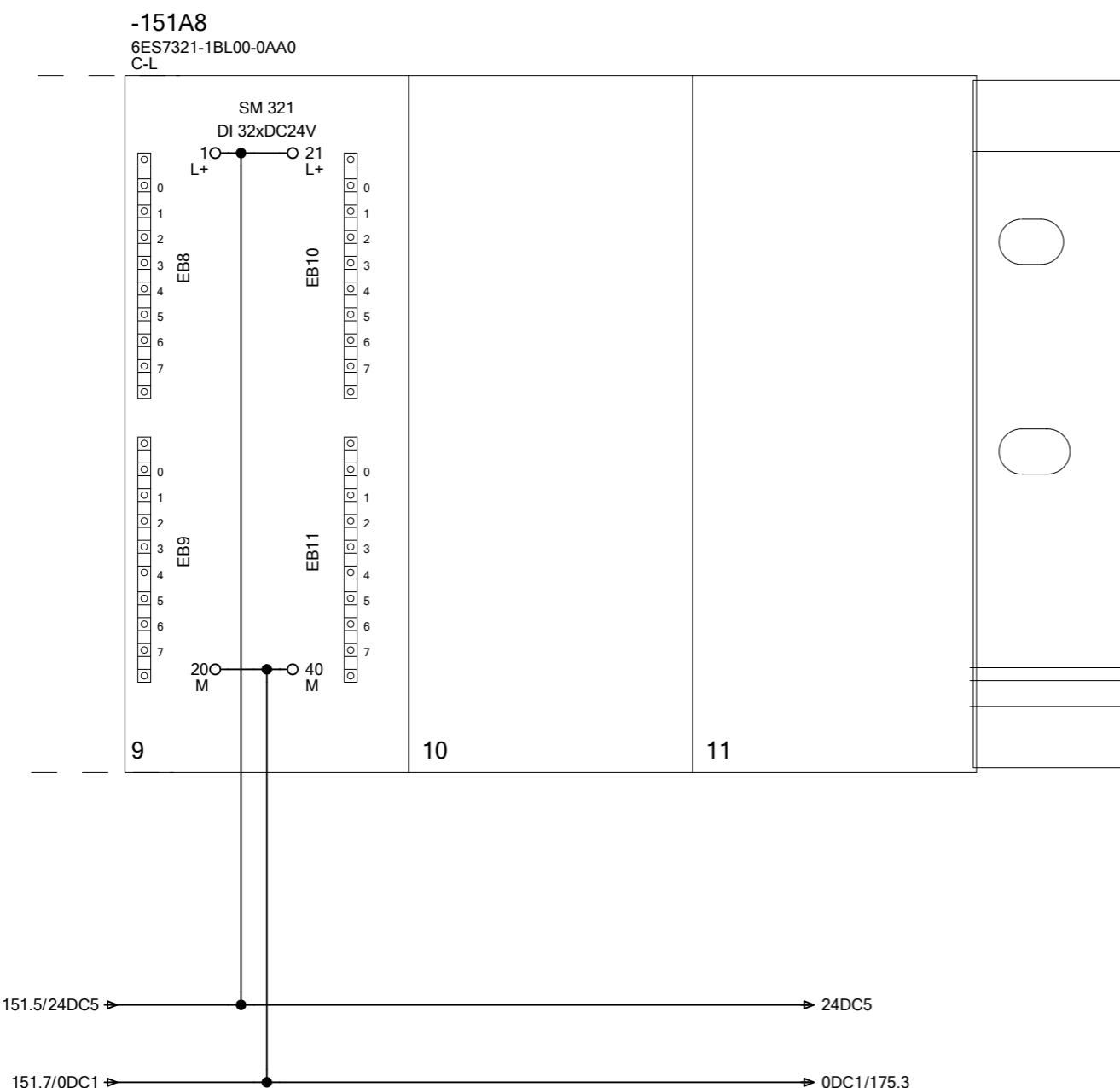




		Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	TS ADAPTER - REPEATER	DW0057070014	= FEED	
		Dis.to	MF				+ MCB1		
							FOGLIO	150	
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	Segue	151



			Data	11.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PLC RACK	DW0057070014 C.19068	= FEED	
			Dis.to	MF					+ MCB1	
									FOGLIO	151
Revisione	Data	Nome	NORME	IEC-CEI					Segue	151.1



0	1	2	3	4	5	6	7	8	9
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-151A4

/175.1	2	O	E0.0
/175.2	3	O	.1
/175.3	4	O	.2
/175.4	5	O	.3
/175.5	6	O	.4
/175.6	7	O	.5
/175.7	8	O	.6
/175.8	9	O	.7
	12	O	E1.0
	13	O	.1
/176.3	14	O	.2
=TAKEUP/922.2	15	O	.3
=TAKEUP/922.3	16	O	.4
=TAKEUP/922.0	17	O	.5
=TAKEUP/922.1	18	O	.6
=TAKEUP/922.4	19	O	.7
=TAKEUP/922.5	22	O	E2.0
=TAKEUP/922.6	23	O	.1
=TAKEUP/922.7	24	O	.2
=CAPSTAN/718.1	25	O	.3
=CAPSTAN/718.4	26	O	.4
=CAPSTAN/718.5	27	O	.5
=CAPSTAN/718.6	28	O	.6
	29	O	.7
/177.6	32	O	E3.0
/177.7	33	O	.1
=CAGE18/520.0	34	O	.2
=CAGE18/520.2	35	O	.3
=CAGE18/520.3	36	O	.4
=CAGE18/520.4	37	O	.5
=CAGE18/520.5	38	O	.6
=CAGE18/520.6	39	O	.7

-151A5

=CAGE18/520.7	2	O	E4.0
=CAGE18/520.8	3	O	.1
=CAGE12/420.0	4	O	.2
=CAGE12/420.2	5	O	.3
=CAGE12/420.3	6	O	.4
=CAGE12/420.4	7	O	.5
=CAGE12/420.5	8	O	.6
=CAGE12/420.6	9	O	.7
	12	O	E5.0
=CAGE12/420.7	12	O	E5.0
=CAGE12/420.8	13	O	.1
=CAGE06/320.0	14	O	.2
=CAGE06/320.2	15	O	.3
=CAGE06/320.3	16	O	.4
=CAGE06/320.4	17	O	.5
=CAGE06/320.5	18	O	.6
=CAGE06/320.6	19	O	.7
	22	O	E6.0
=PAYOFF/218.1	22	O	E6.0
=PAYOFF/218.2	23	O	.1
=PAYOFF/218.3	24	O	.2
	25	O	.3
/177.1	26	O	.4
/177.1	27	O	.5
/177.3	28	O	.6
/177.4	29	O	.7
	32	O	E7.0
=CAGE24/620.0	32	O	E7.0
=CAGE24/620.2	33	O	.1
=CAGE24/620.3	34	O	.2
	34	O	.2
=CAGE24/620.4	35	O	.3
=CAGE24/620.5	36	O	.4
=CAGE24/620.6	37	O	.5
=CAGE24/620.7	38	O	.6
=CAGE24/620.8	39	O	.7

-151A6

/182.0	2	O	A0.0
=TAKEUP/925.1	3	O	.1
=TAKEUP/925.2	4	O	.2
=TAKEUP/925.3	5	O	.3
=CAPSTAN/732.0	6	O	.4
=CAPSTAN/732.2	7	O	.5
=CAPSTAN/732.3	8	O	.6
=CAGE18/532.0	9	O	.7
	12	O	A1.0
=CAGE18/532.1	12	O	A1.0
=CAGE18/532.2	13	O	.1
=CAGE18/532.3	14	O	.2
=CAGE18/532.4	15	O	.3
=CAGE18/532.5	16	O	.4
=CAGE18/532.6	17	O	.5
=CAGE12/432.0	18	O	.6
=CAGE12/432.1	19	O	.7
	22	O	A2.0
=CAGE12/432.2	22	O	A2.0
=CAGE12/432.3	23	O	.1
=CAGE12/432.4	24	O	.2
	25	O	.3
=CAGE12/432.5	26	O	.4
=CAGE12/432.6	27	O	.5
=CAGE06/332.0	28	O	.6
=CAGE06/332.1	29	O	.7
=CAGE06/332.2	29	O	.7
	32	O	A3.0
=CAGE06/332.3	32	O	A3.0
	33	O	.1
	34	O	.2
	35	O	.3
	36	O	.4
	37	O	.5
	38	O	.6
	39	O	.7

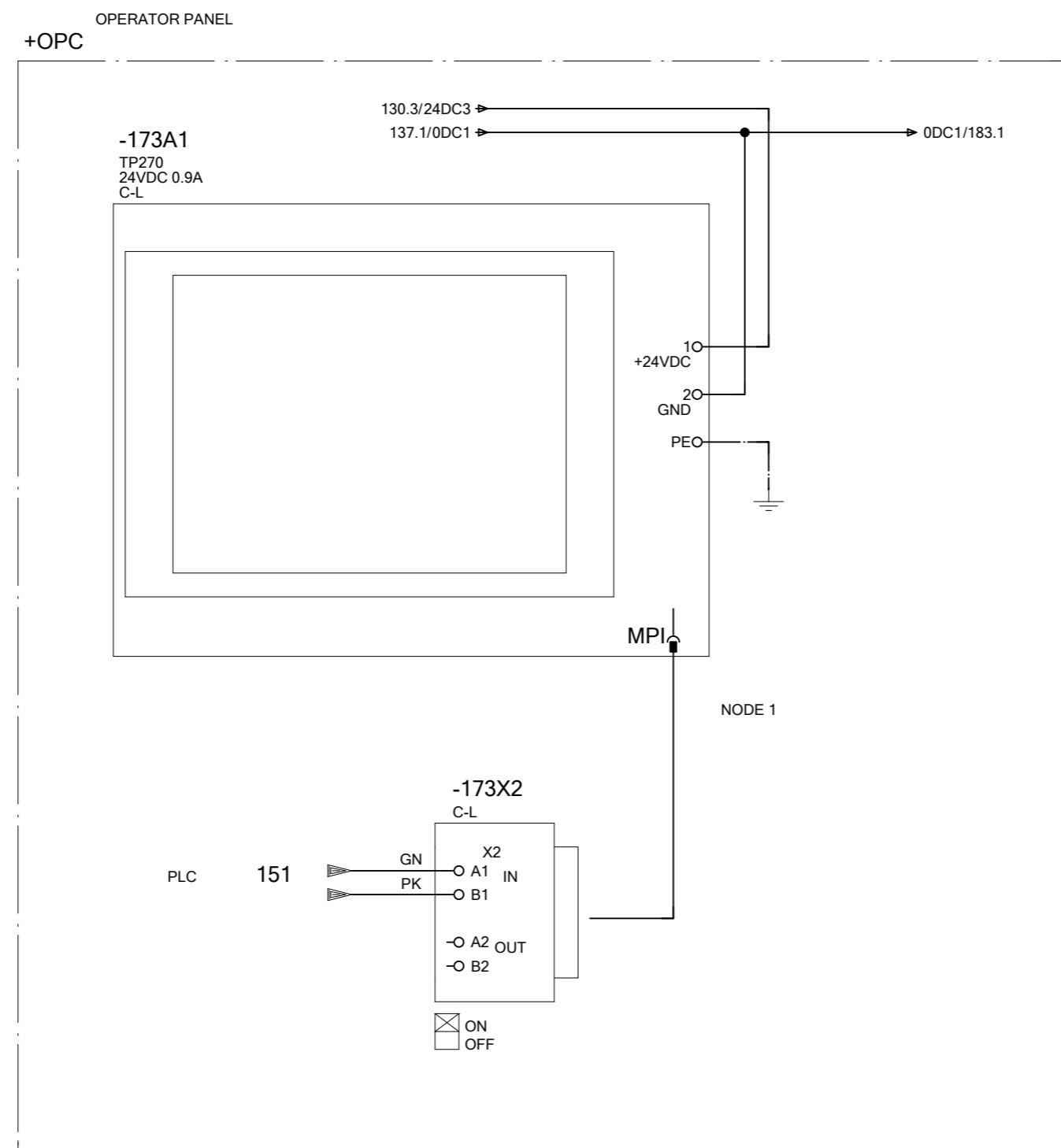
-151A7

=CAGE24/632.0	2	O	A4.0
=CAGE24/632.1	3	O	.1
=CAGE24/632.2	4	O	.2
=CAGE24/632.3	5	O	.3
=CAGE24/632.4	6	O	.4
=CAGE24/632.5	7	O	.5
=CAGE24/632.6	8	O	.6
=CAGE24/632.7	9	O	.7
	12	O	A5.0
/193.1	12	O	A5.0
	13	O	.1
	14	O	.2
	15	O	.3
	16	O	.4
	17	O	.5
	18	O	.6
	19	O	.7
	22	O	A6.0
/194.1	22	O	A6.0
	23	O	.1
	24	O	.2
	25	O	.3
	26	O	.4
	27	O	.5
	28	O	.6
	29	O	.7
	32	O	A7.0
/195.1	32	O	A7.0
	33	O	.1
	34	O	.2
	35	O	.3
	36	O	.4
	37	O	.5
	38	O	.6
	39	O	.7

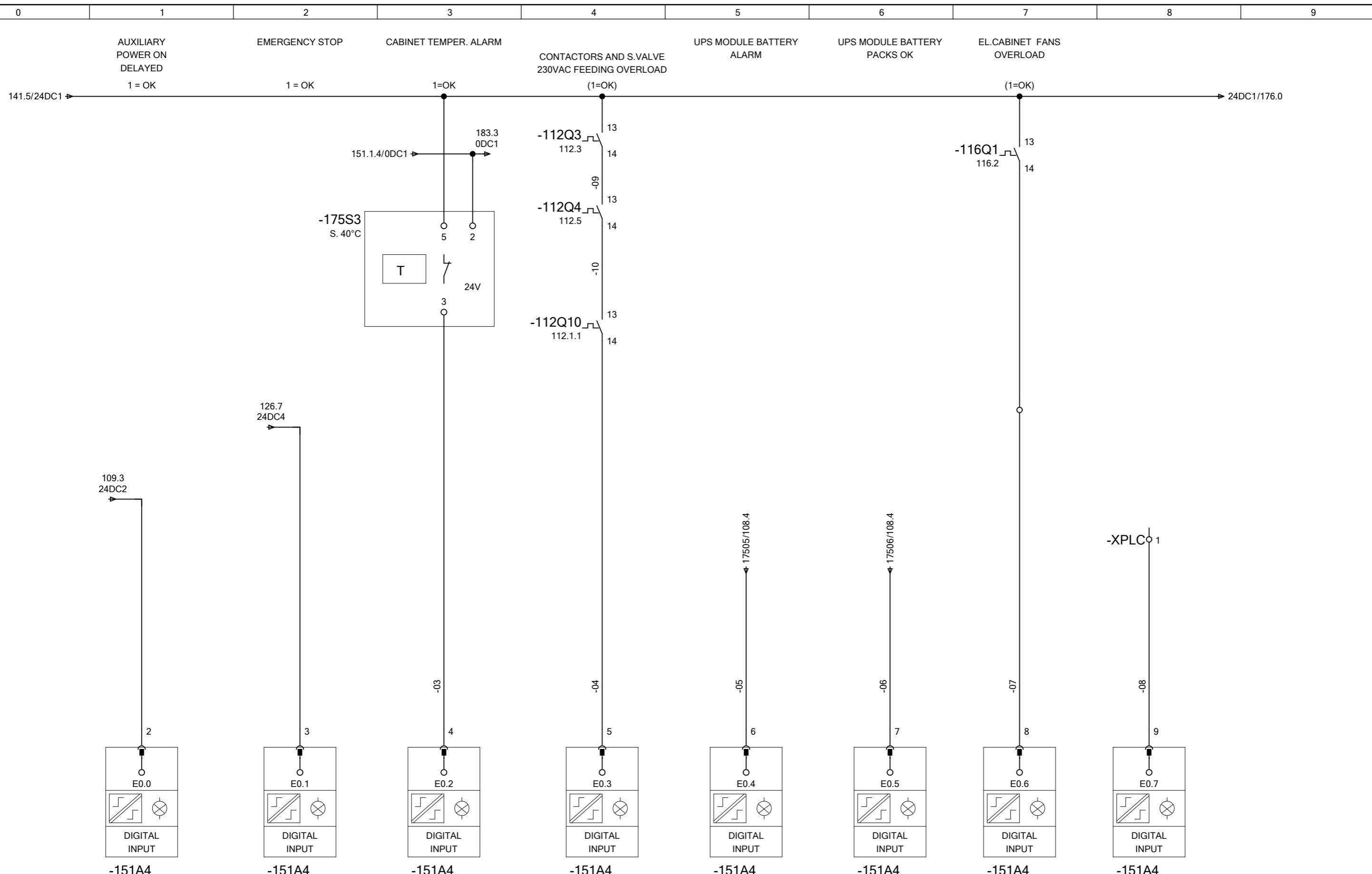
-151A8

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/178.4	5	O	.3
/178.5	6	O	.4
/178.6	7	O	.5
/178.7	8	O	.6
/178.8	9	O	.7
	12	O	E9.0
	13	O	.1
	14	O	.2
	15	O	.3
	16	O	.4
	17	O	.5
	18	O	.6
	19	O	.7
	22	O	E10.0
	23	O	.1
	24	O	.2
	25	O	.3
	26	O	.4
	27	O	.5
	28	O	.6
	29	O	.7
	32	O	E11.0
	33	O	.1
	34	O	.2
	35	O	.3
	36	O	.4
	37	O	.5
	38	O	.6
	39	O	.7

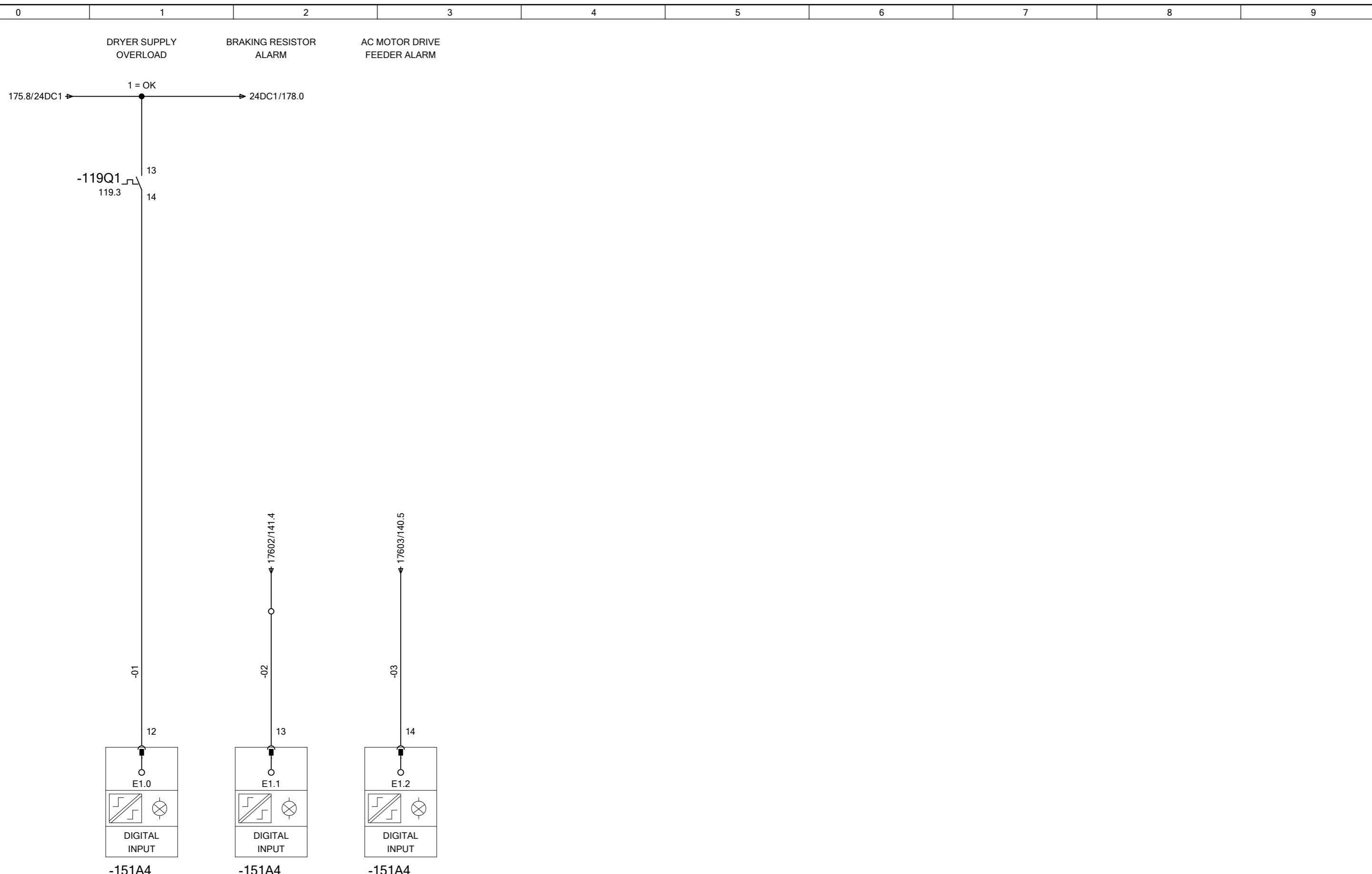
	Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	PLC RACK INDEX	DW0057070014	= FEED
	Dis.to	MF	1+6+12+18+24 B/630			C.19068	+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI			FOGLIO



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	OPERATOR PANEL	DW0057070014 C.19068	= FEED
			Dis.to	MF					+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI					FOGLIO 173 Segue 175

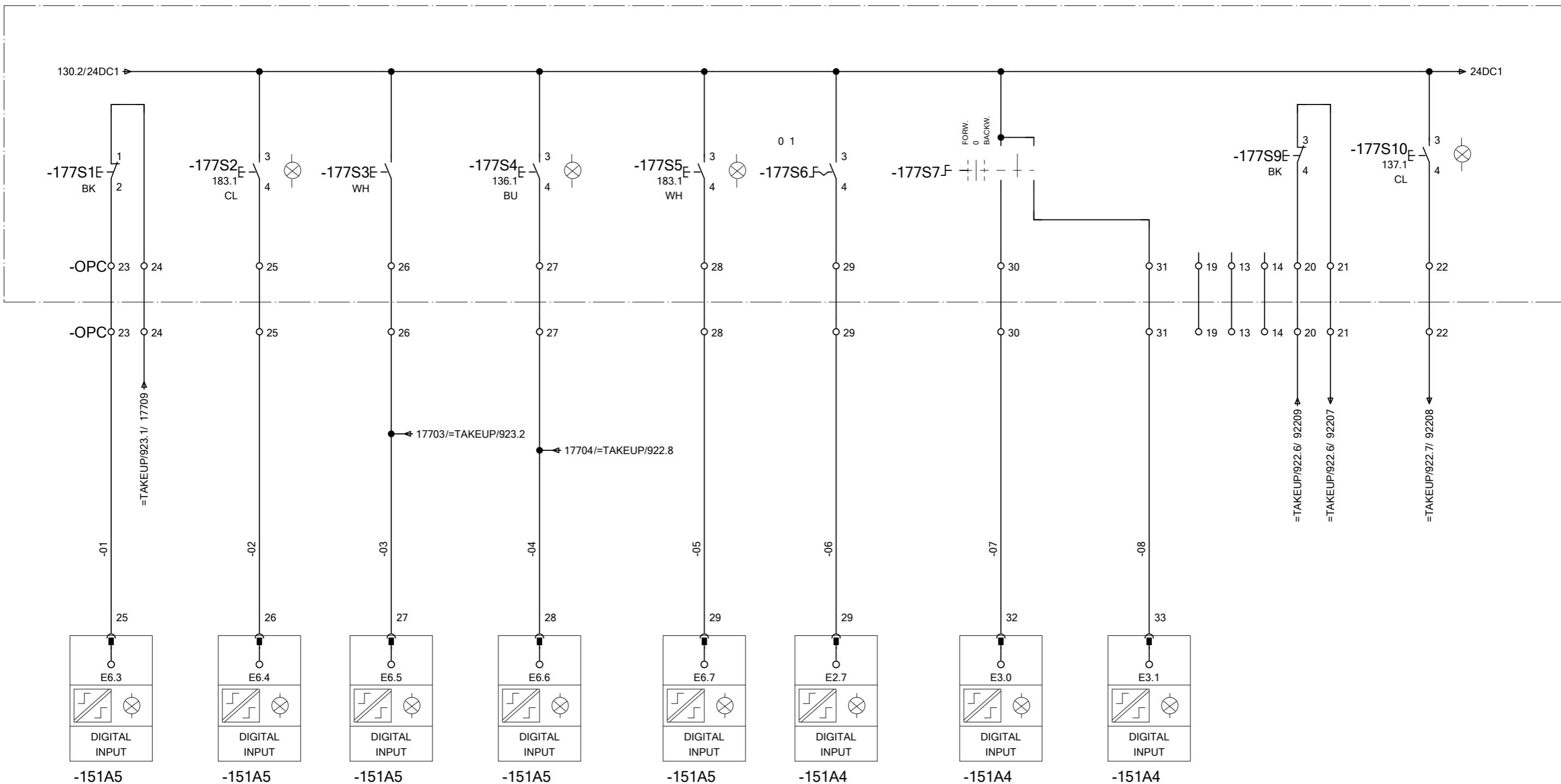


			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= FEED	
			Dis.to	MF					+ MCB1	
									FOGLIO	175
Revisione	Data	Nome	NORME	IEC-CEI					Segue	176

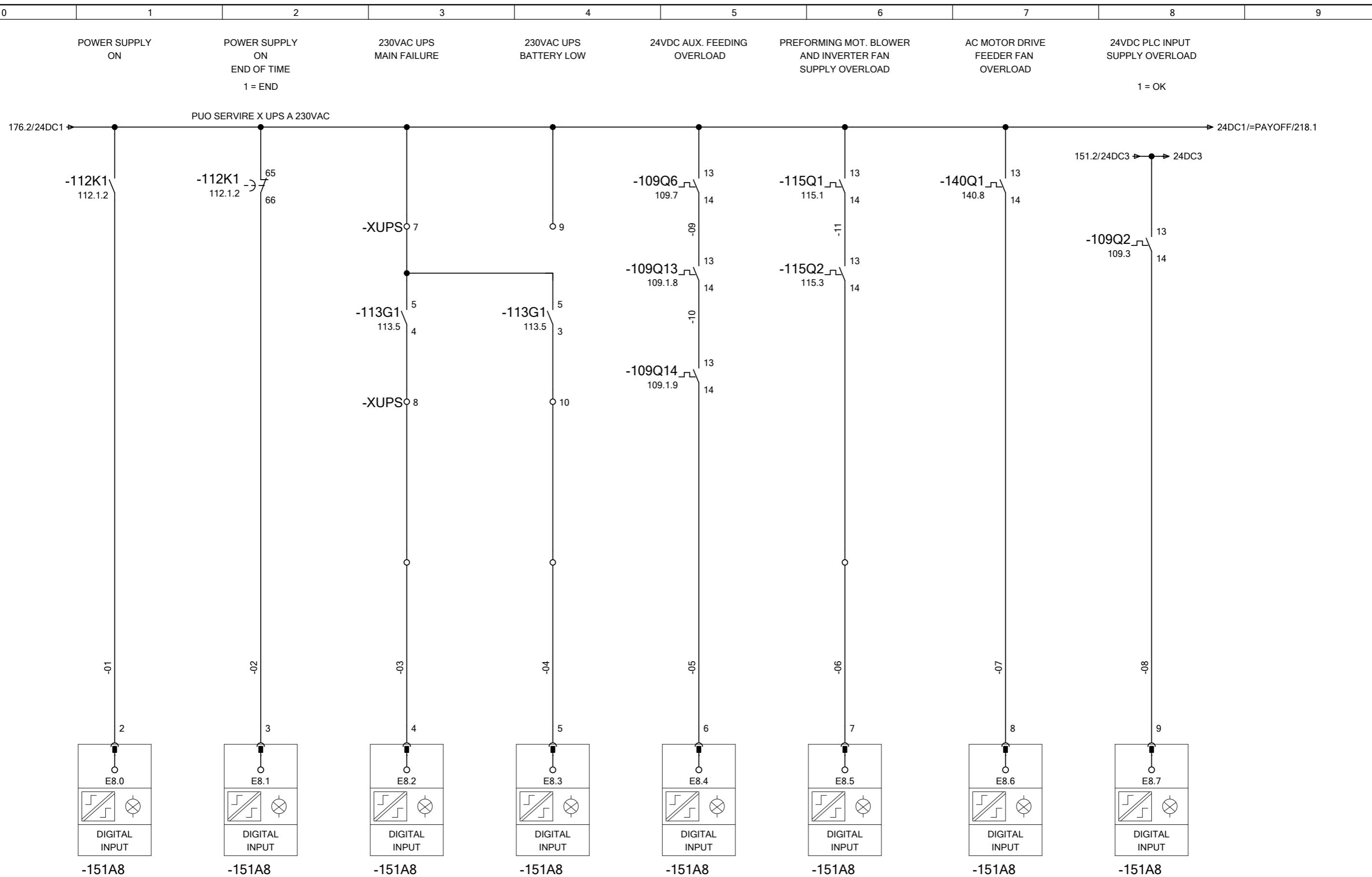


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+OPC

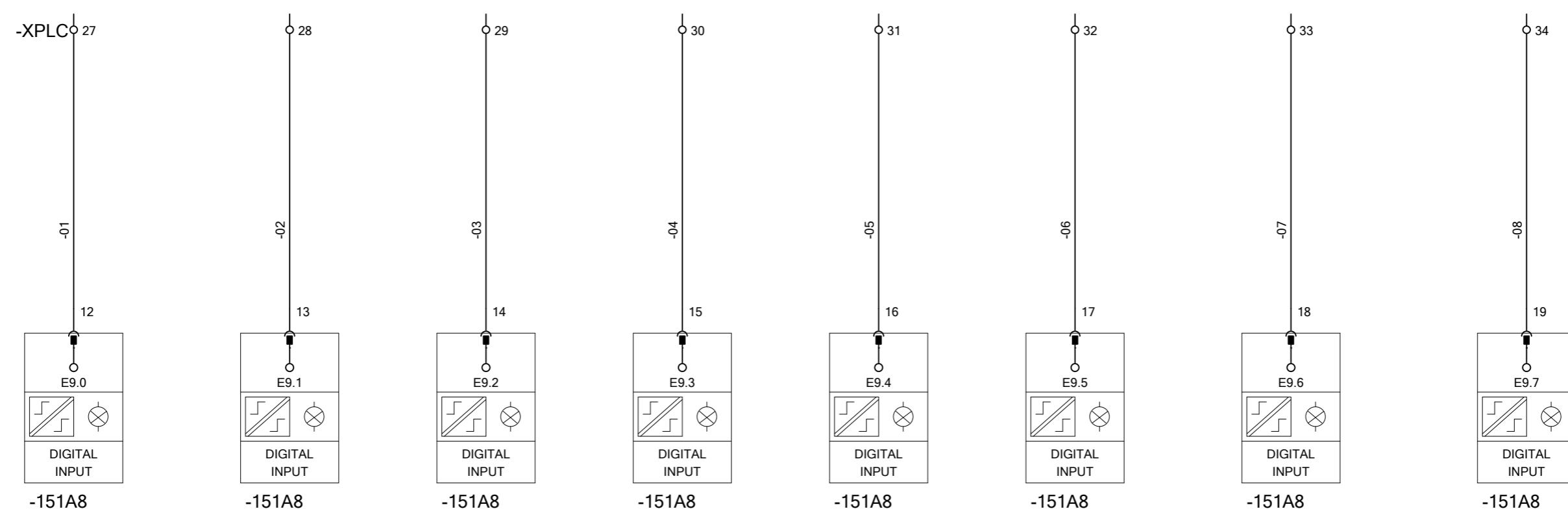


			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014	= FEED
			Dis.to	MF					+ MCB1
								C.19068	FOGLIO 177
Revisione	Data	Nome	NORME	IEC-CEI					Segue 178



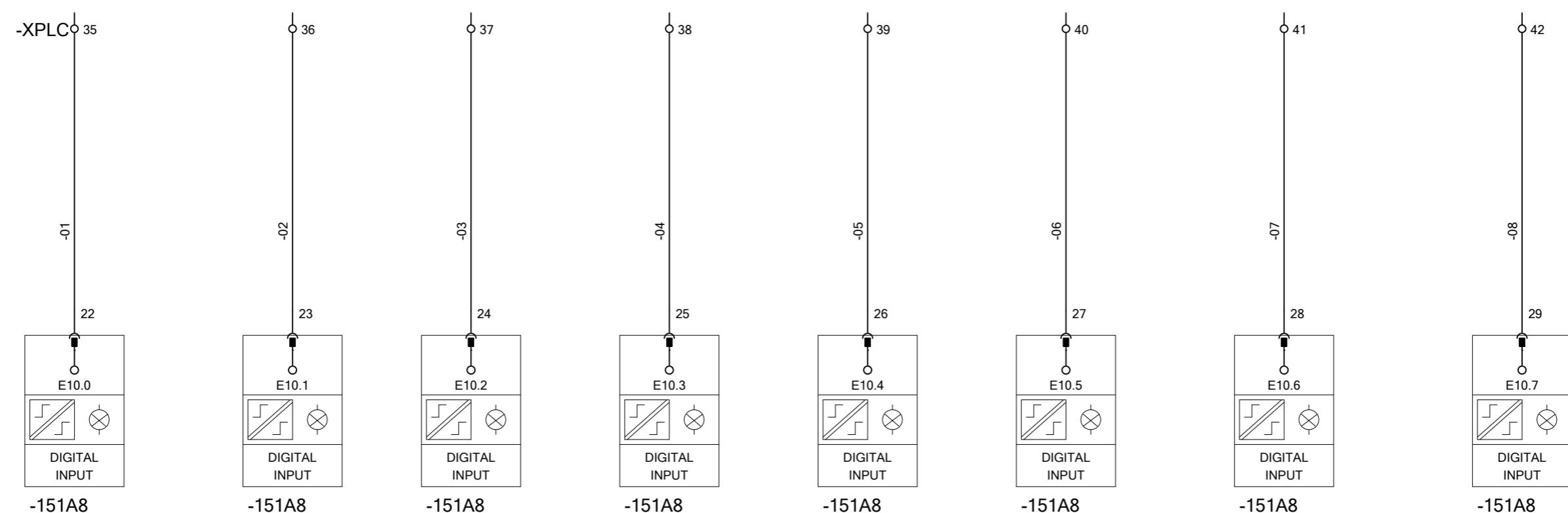
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SPARE

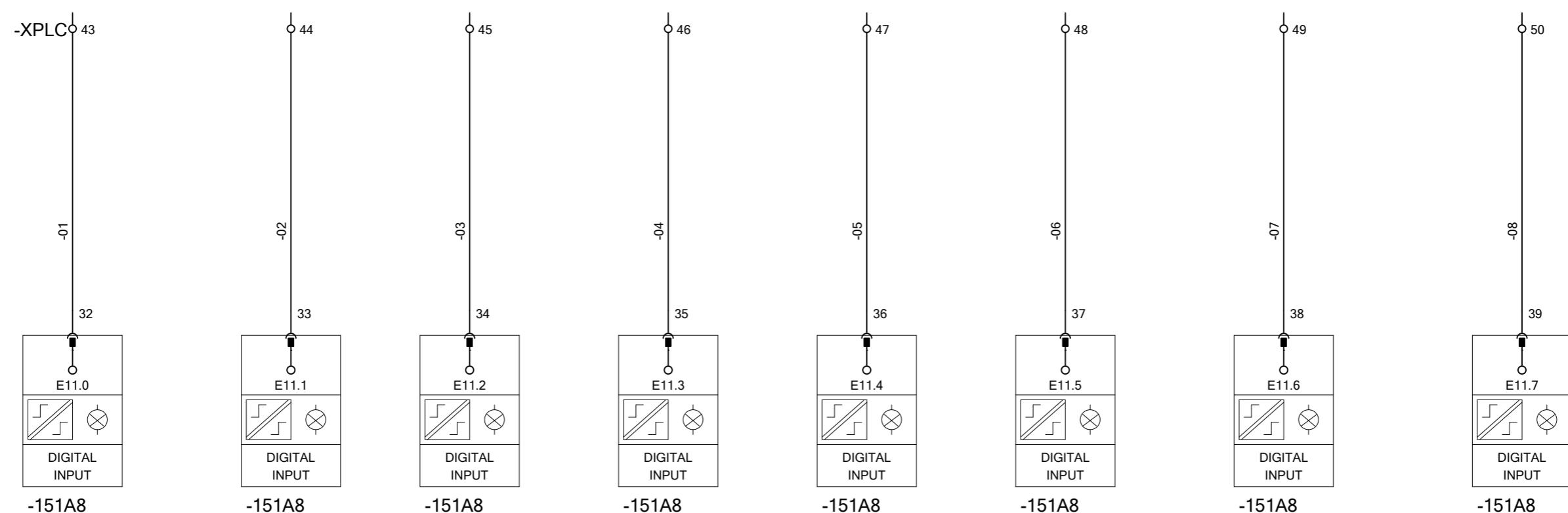


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SPARI



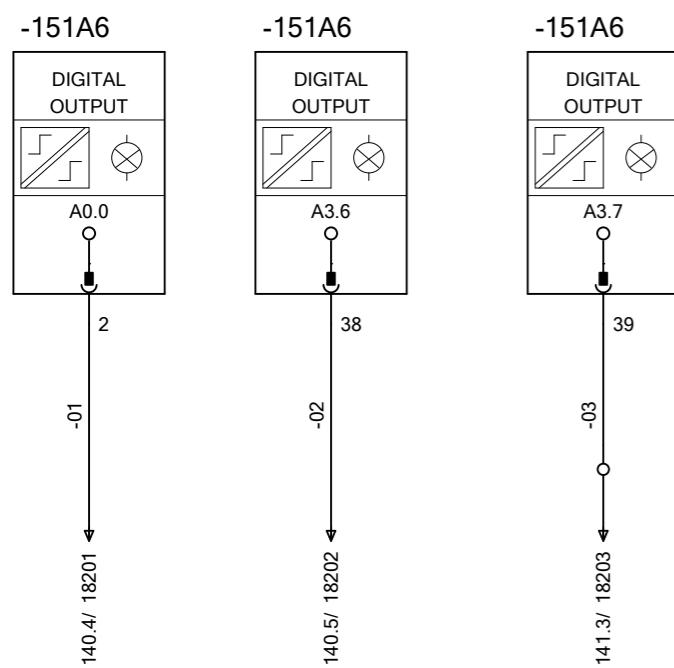
SPARE



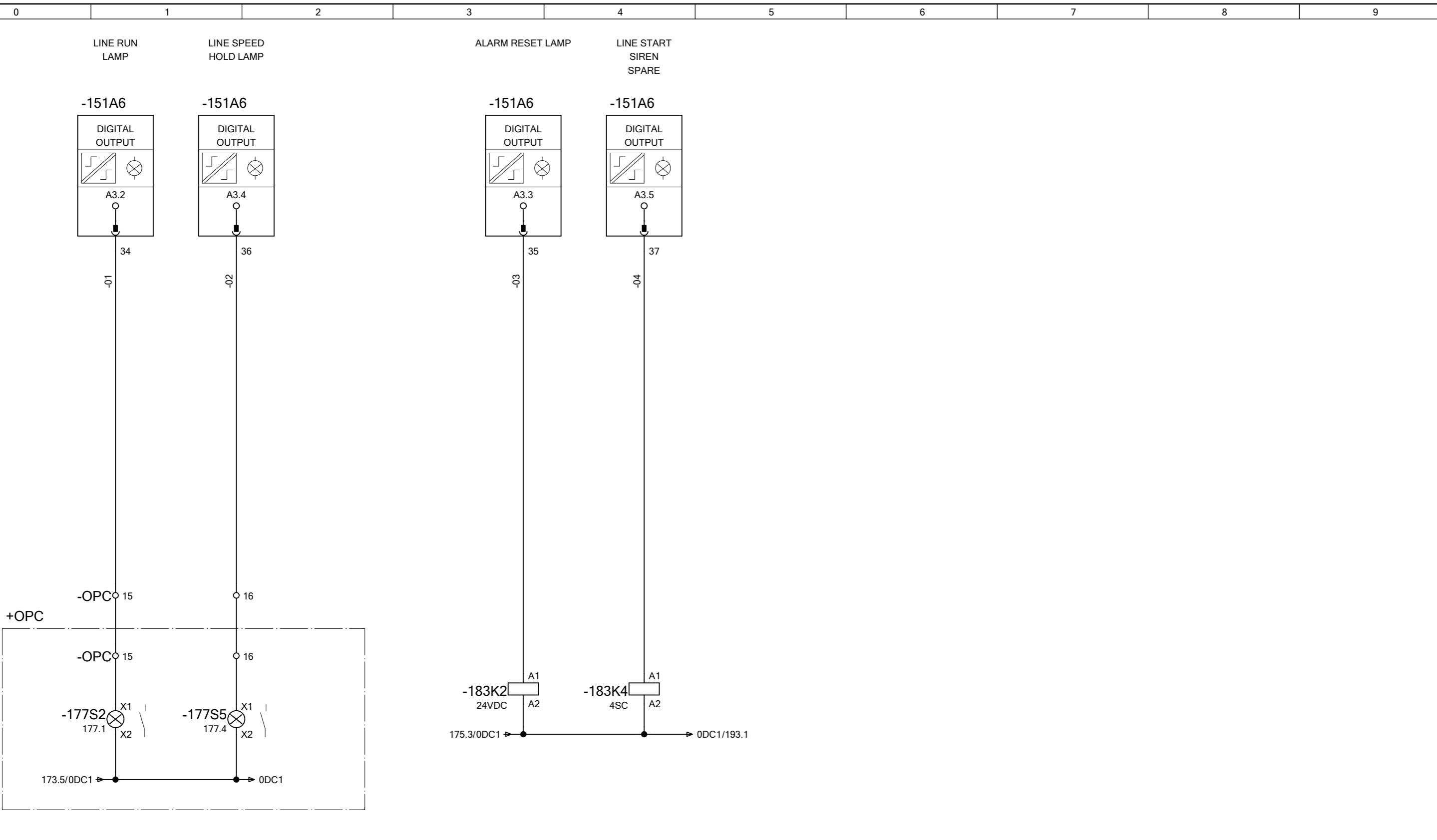
			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS SPARE	DW0057070014	= FEED
			Dis.to	MF					+ MCB1
								C.19068	FOGLIO 181
Revisione	Data	Nome	NORME	IEC-CEI					Segue 182

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

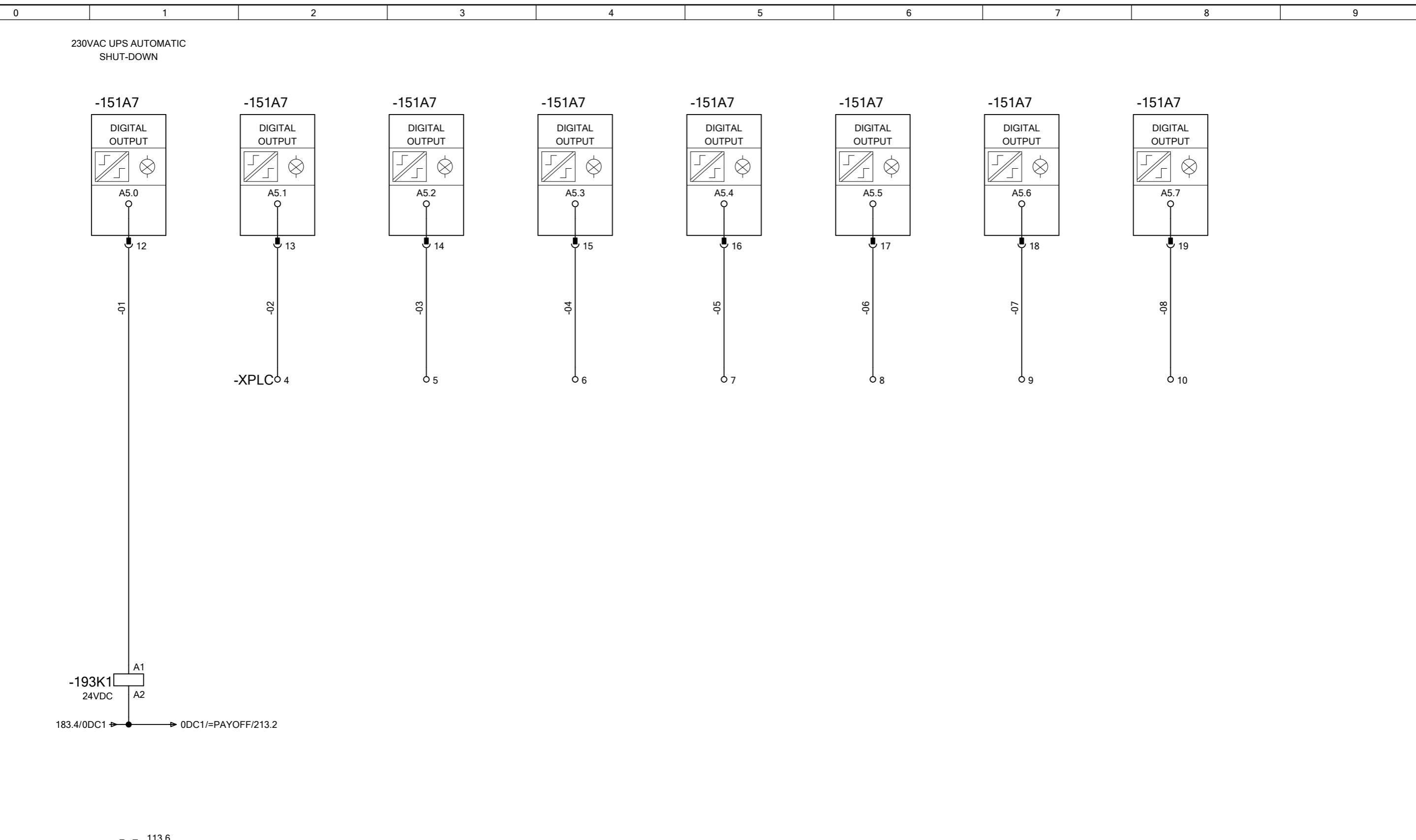
DRIVE FEEDER  
START      DRIVE FEEDER  
RESET      BRAKING UNIT  
RESET

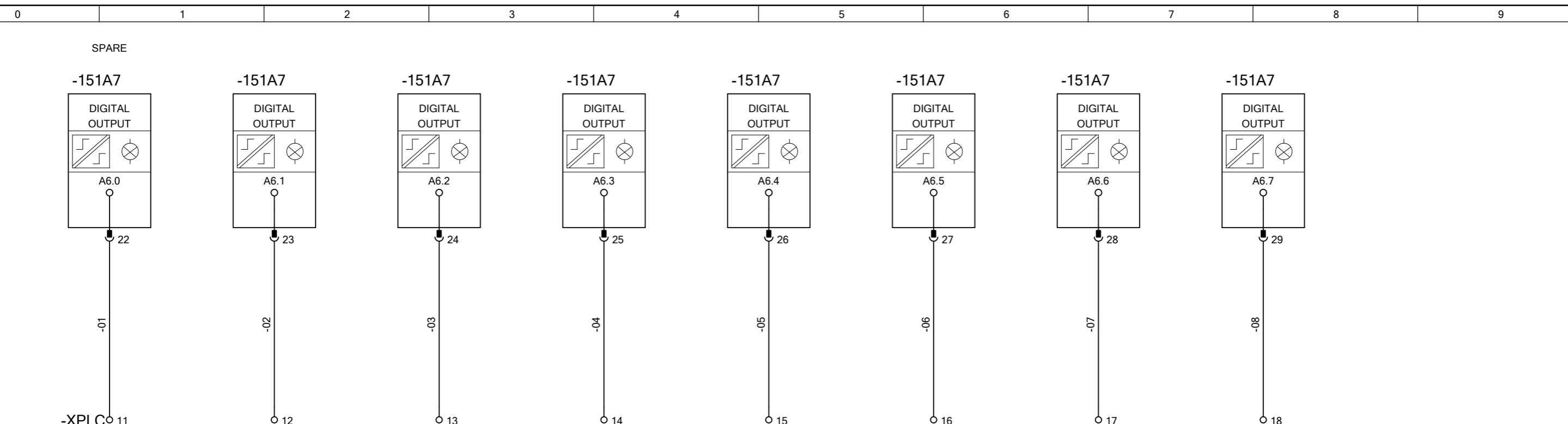


		Data	27.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL OUTPUTS	DW0057070014	= FEED
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO
								182

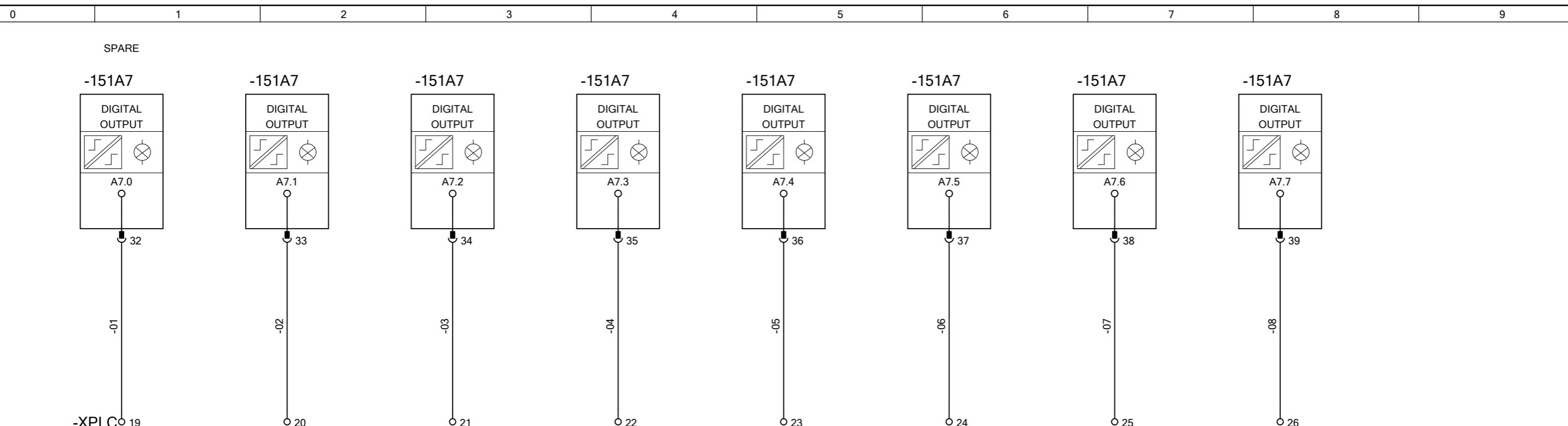


11 - 136.1

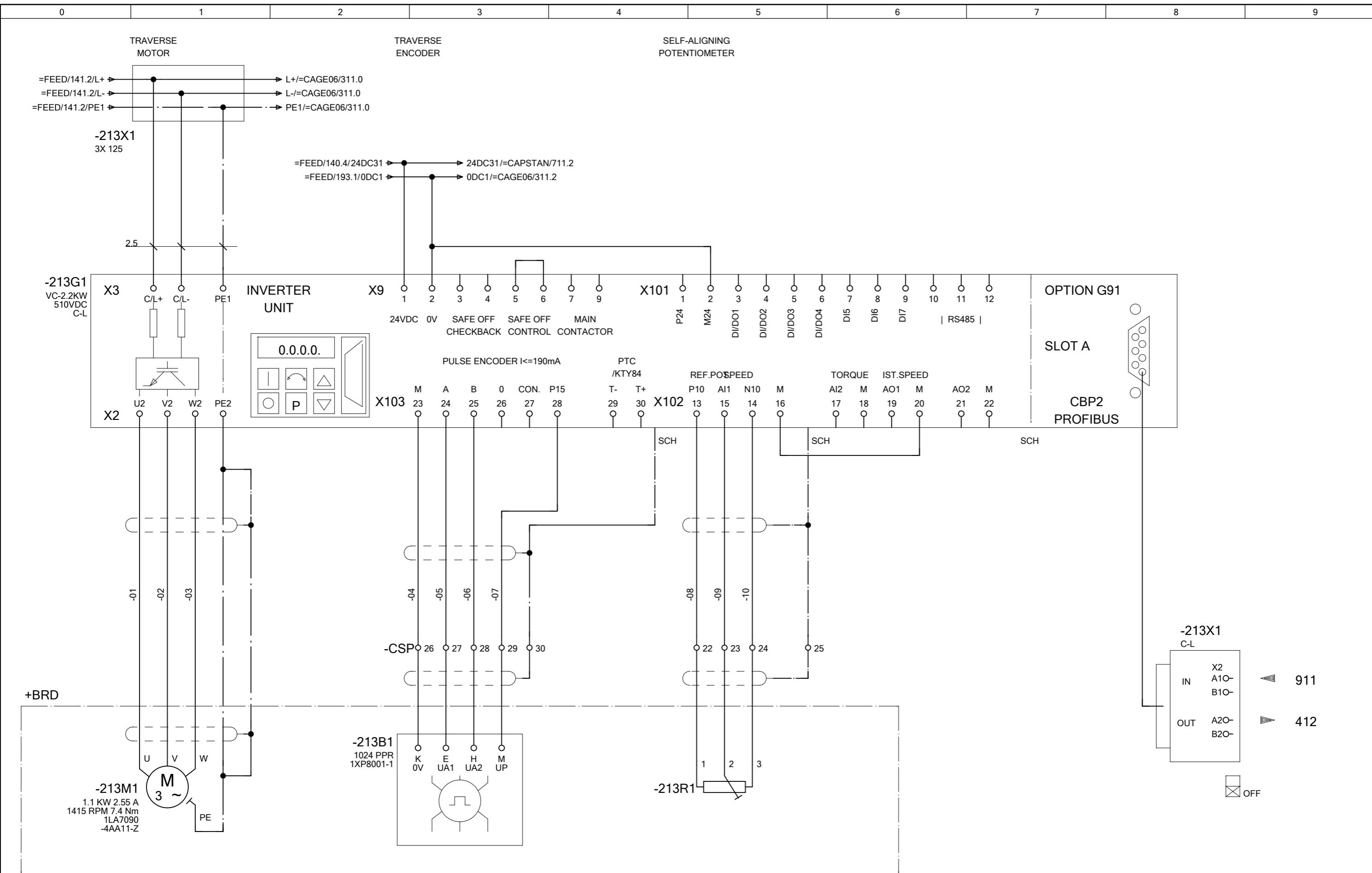


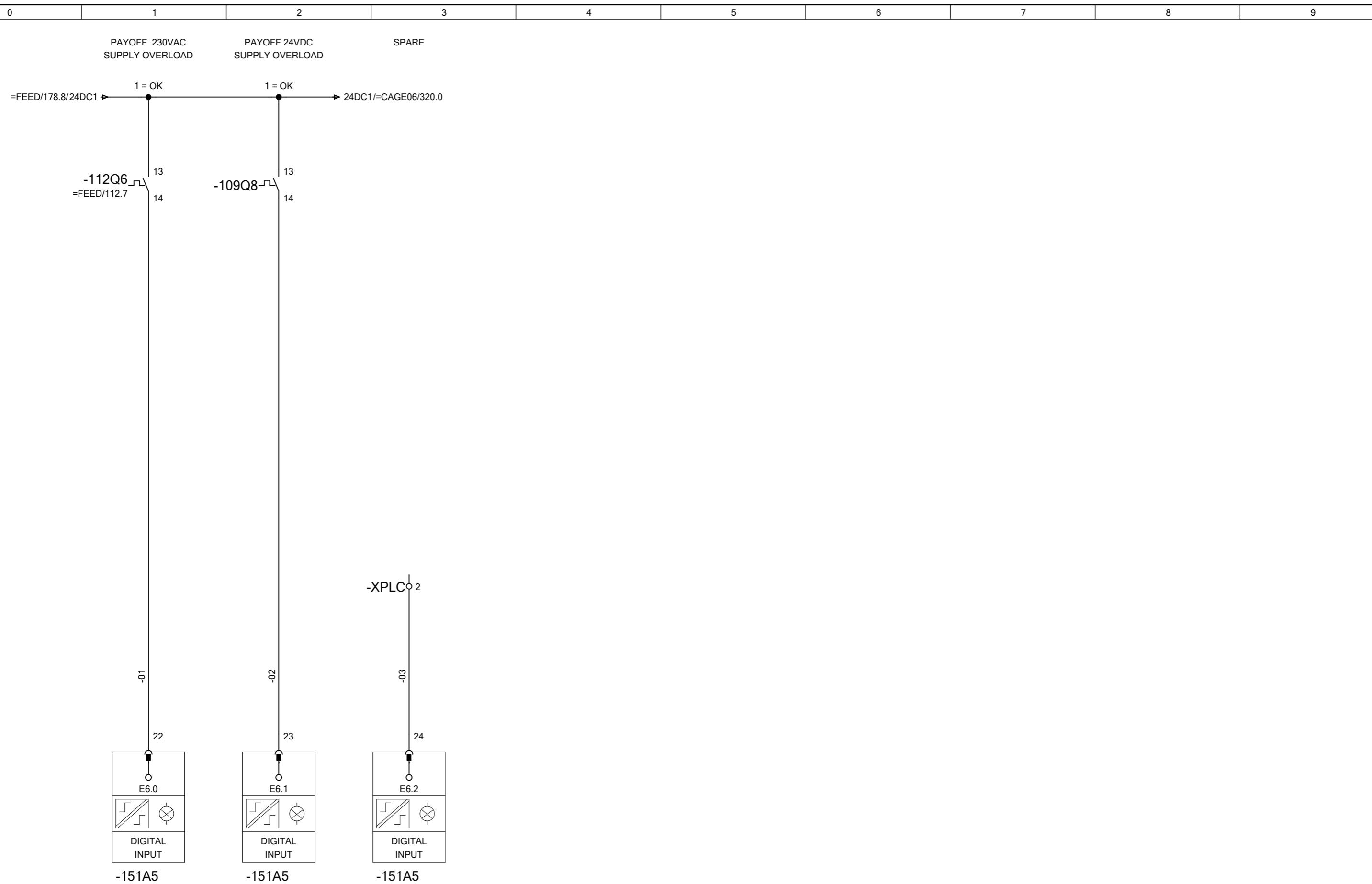


			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS SPARE	DW0057070014  C.19068	= FEED
			Dis.to	MF					+ MCB1
									FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					194 Segue



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS SPARE	DW0057070014  C.19068	= FEED
			Dis.to	MF					+ MCB1
									FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					195 Segue =PAYOFF/213



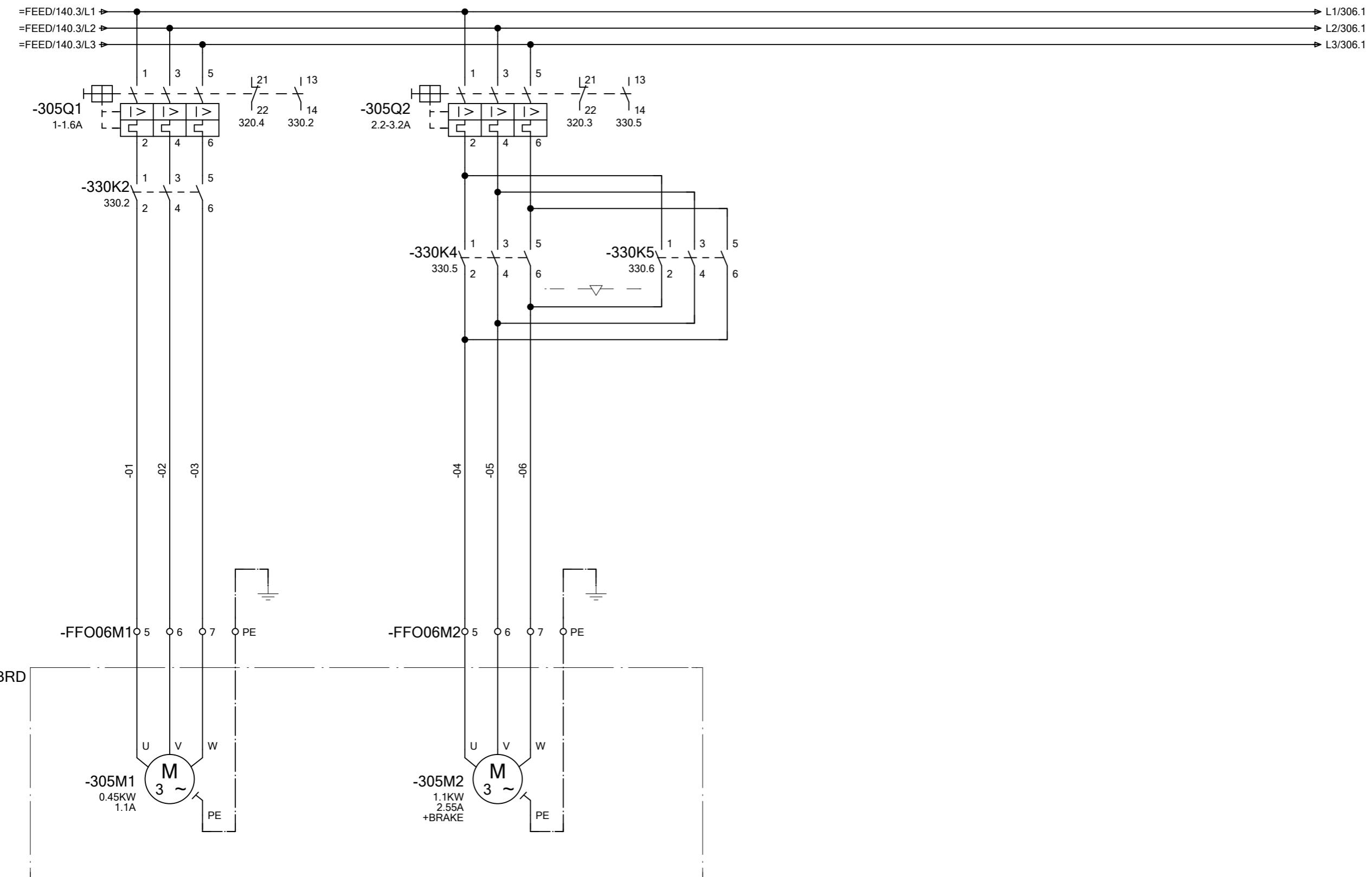


			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= PAYOFF
			Dis.to	MF					+ MCB1
									FOGLIO 218
Revisione	Data	Nome	NORME	IEC-CEI					Segue =CAGE06/305

0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

CAGE  
BLOWER MOTOR

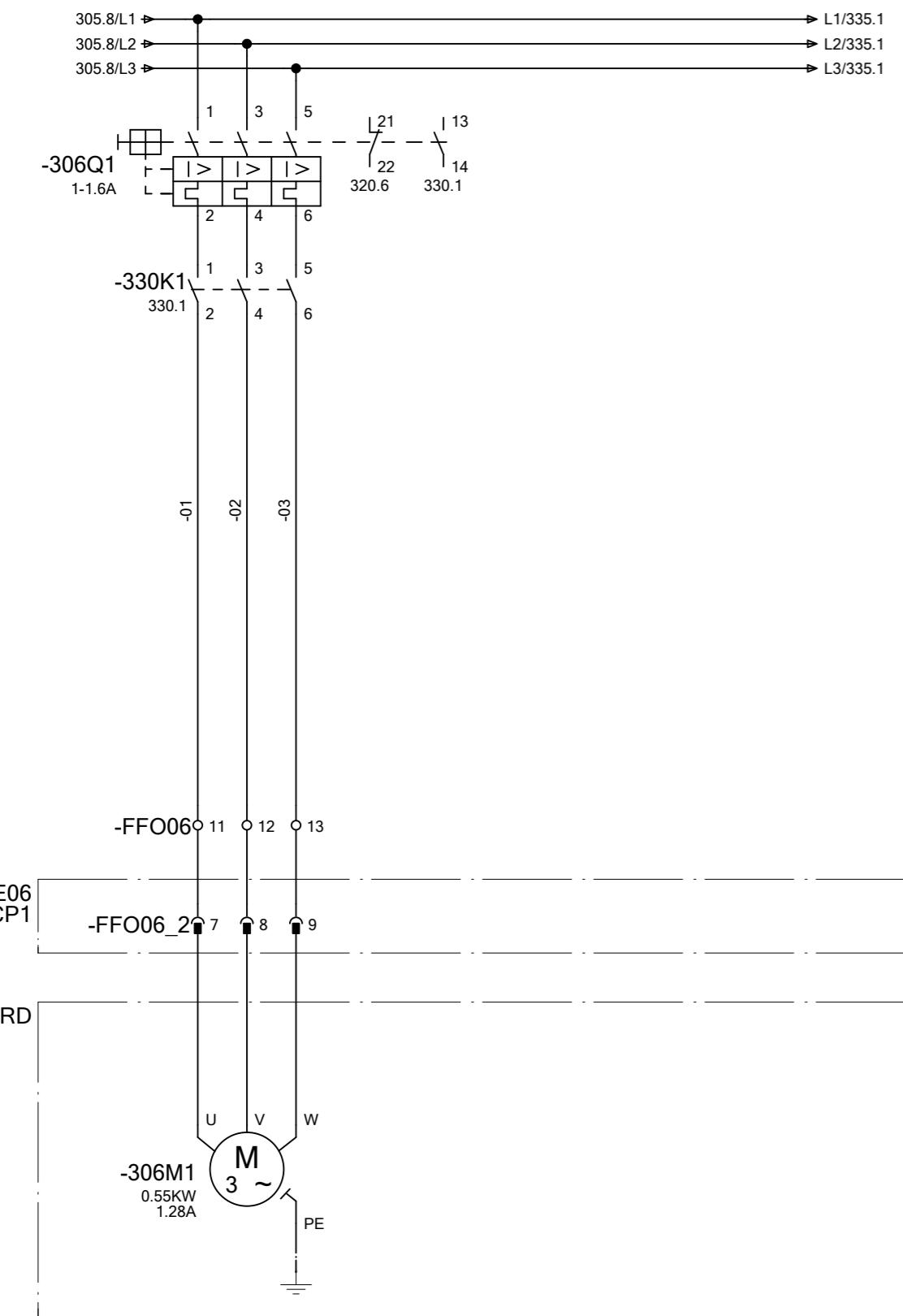
LOADING MOTOR



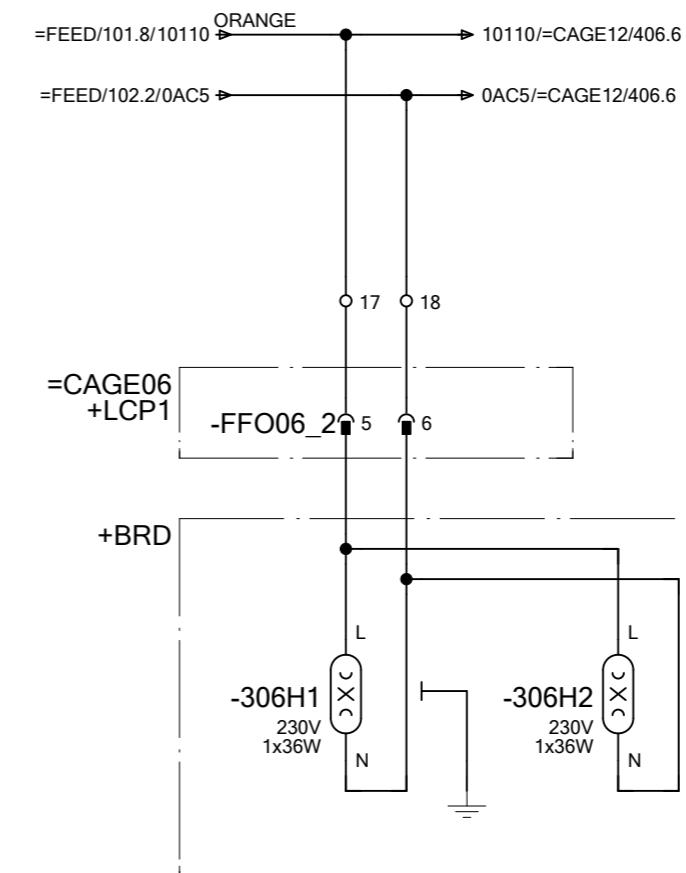
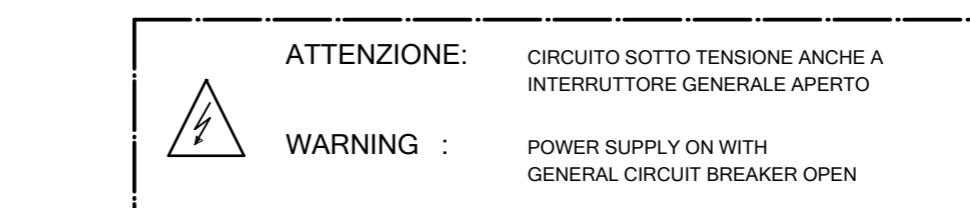
		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AC MOTORS	DW0057070014	= CAGE06
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO 305

0 1 2 3 4 5 6 7 8 9

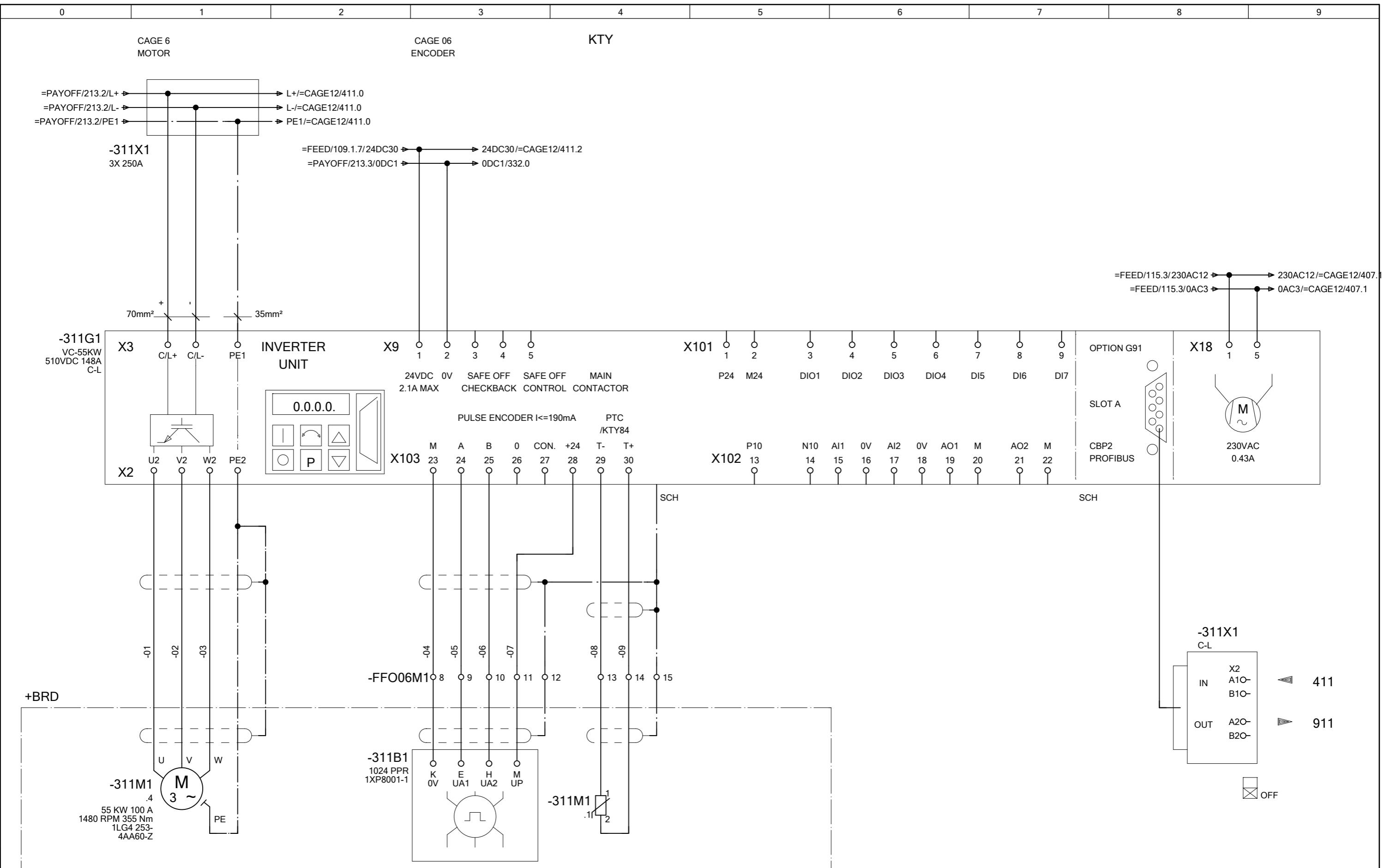
GUARD MOT. BLOWER



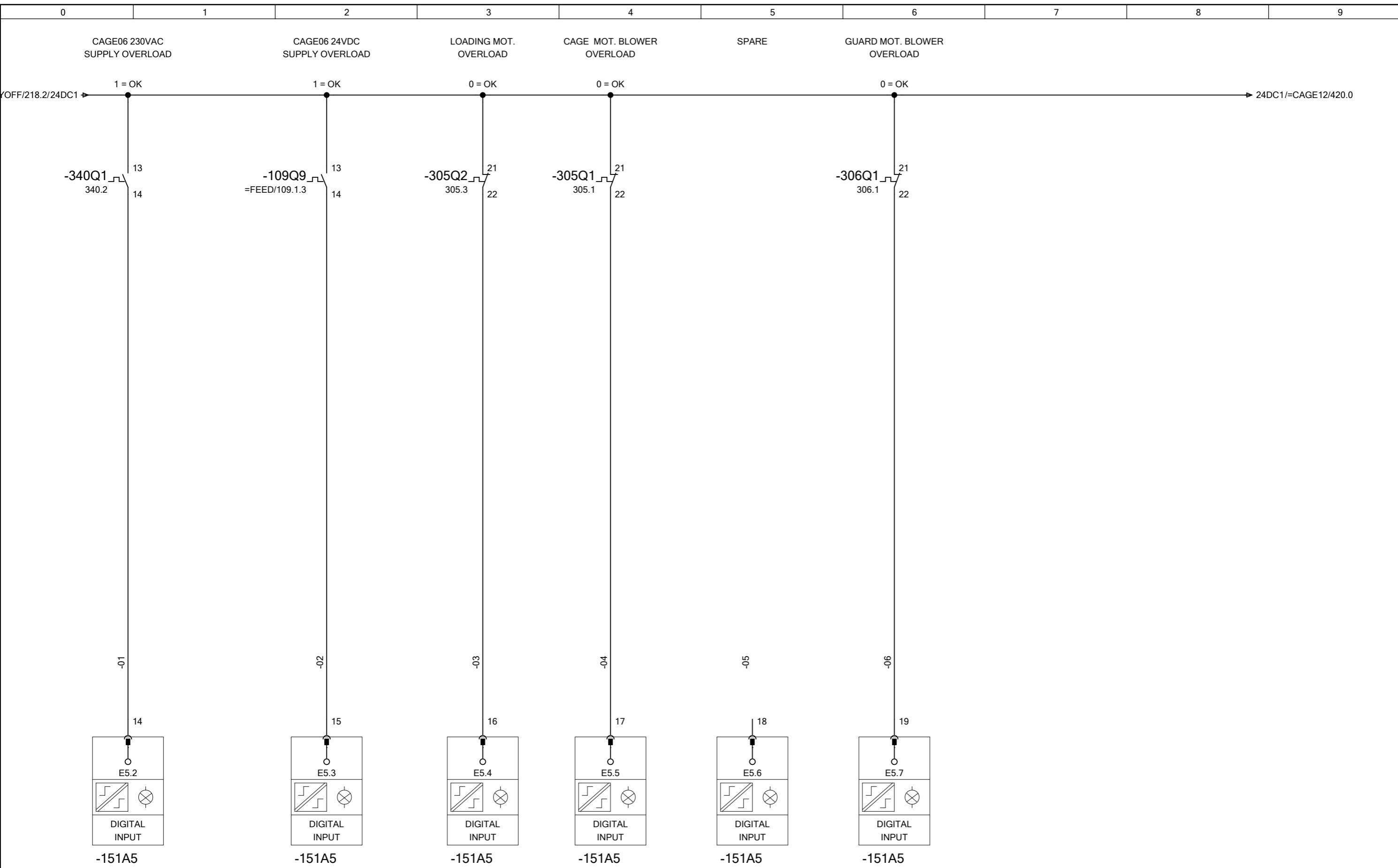
CAGE LIGHTING



			Data	23.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AC MOTORS	DW0057070014	= CAGE06
			Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 306



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	CAGE MOTOR	DW0057070014 C.19068	= CAGE06
			Dis.to	MF					+ MCB1
									FOGLIO 311
Revisione	Data	Nome	NORME	IEC-CEI					Segue 320



			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014  C.19068	= CAGE06
			Dis.to	MF					+ MCB1
									FOGLIO 320
Revisione	Data	Nome	NORME	IEC-CEI					Segue 330

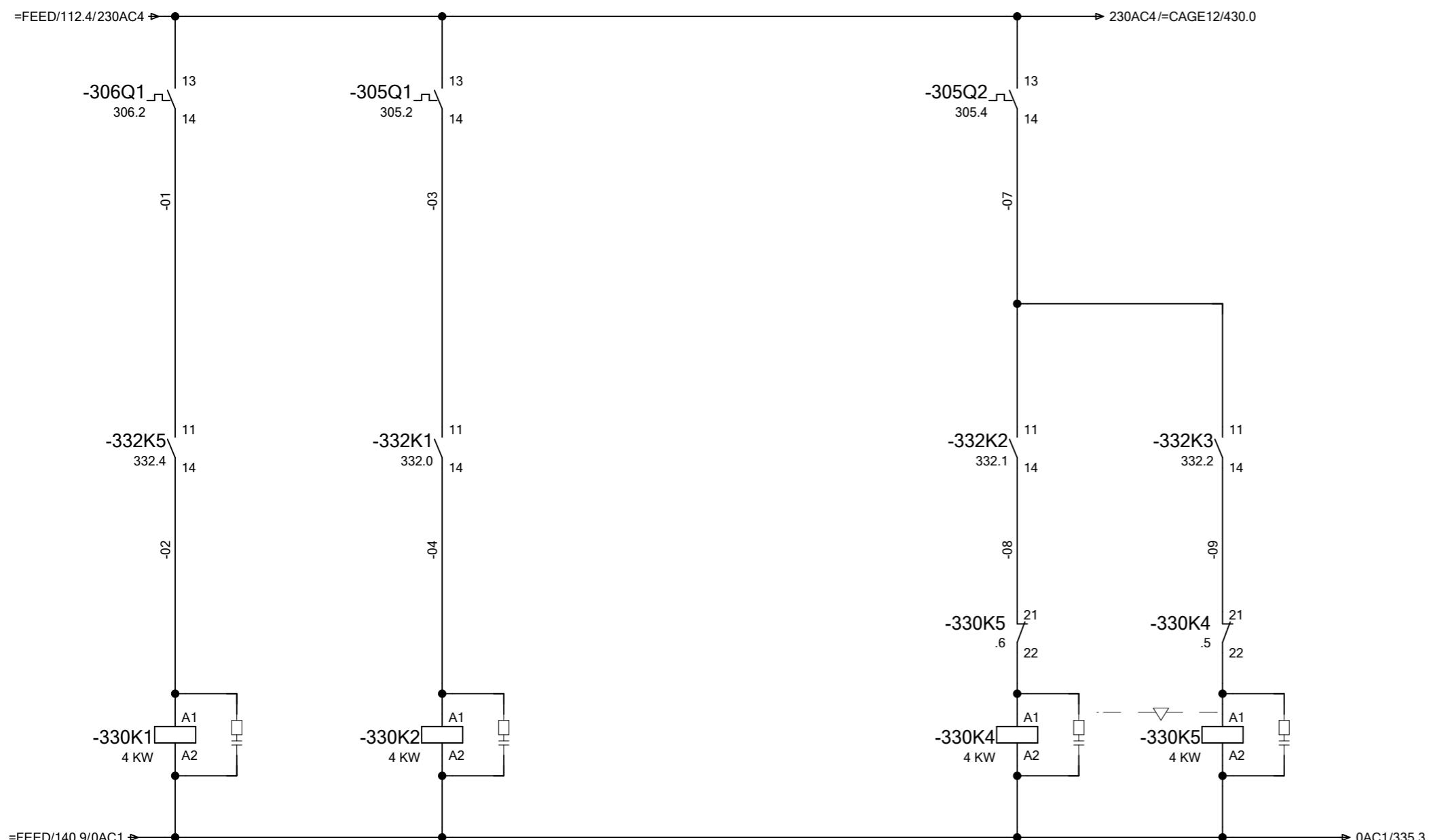
0 1 2 3 4 5 6 7 8 9

GUARD MOT. BLOWER

CAGE MOT. BLOWER

LOADING MOT.  
S ROTAT.

LOADING MOT.  
Z ROTAT.



1 - 306.1  
3 - 306.1  
5 - 306.1

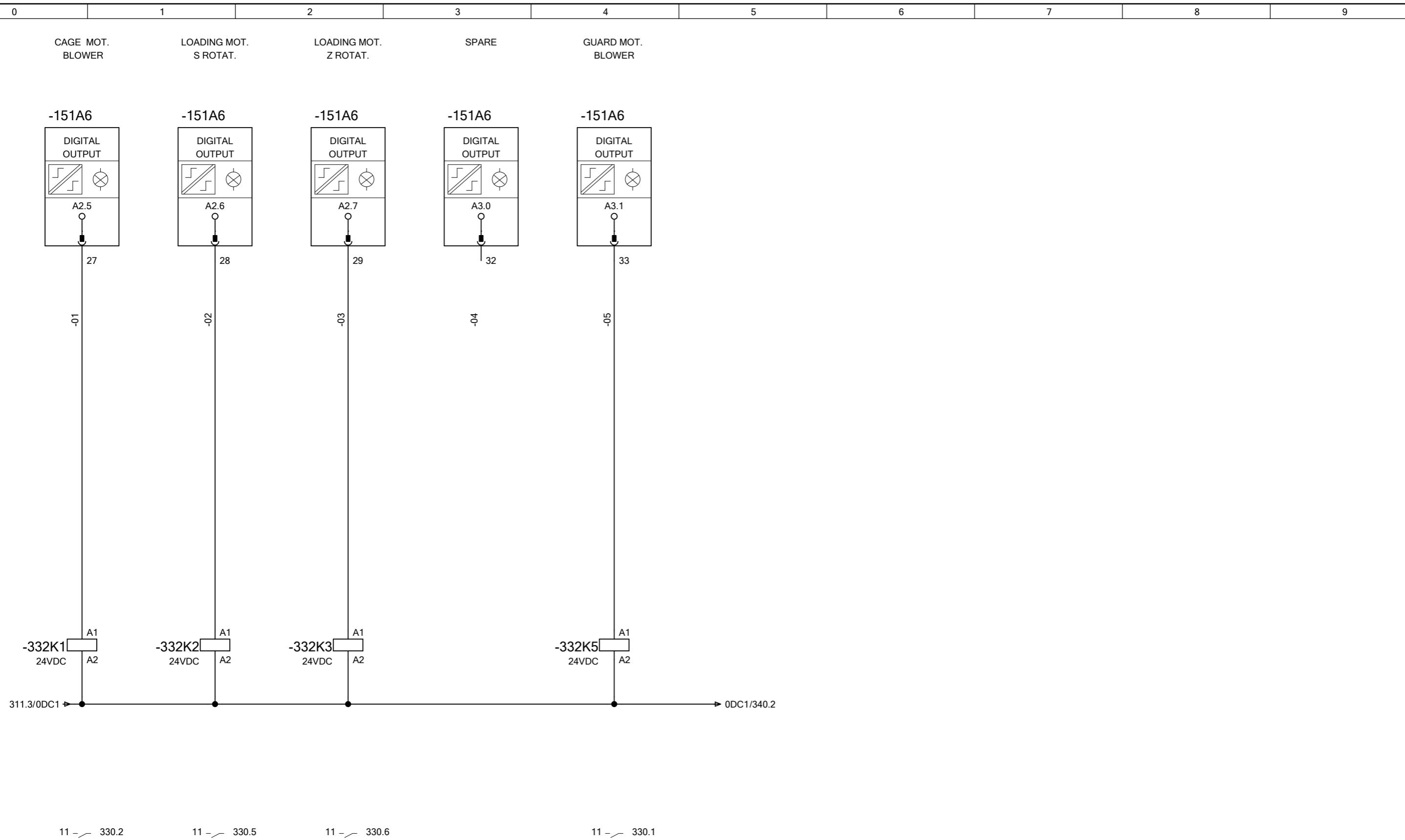
1 - 305.1  
3 - 305.1  
5 - 305.1

1 - 305.3  
3 - 305.3  
5 - 305.3  
21 - .6

1 - 305.4  
3 - 305.4  
5 - 305.4  
21 - .5

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AC MOTOR COMMAND	DW0057070014	= CAGE06
			Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 330

Segue 332



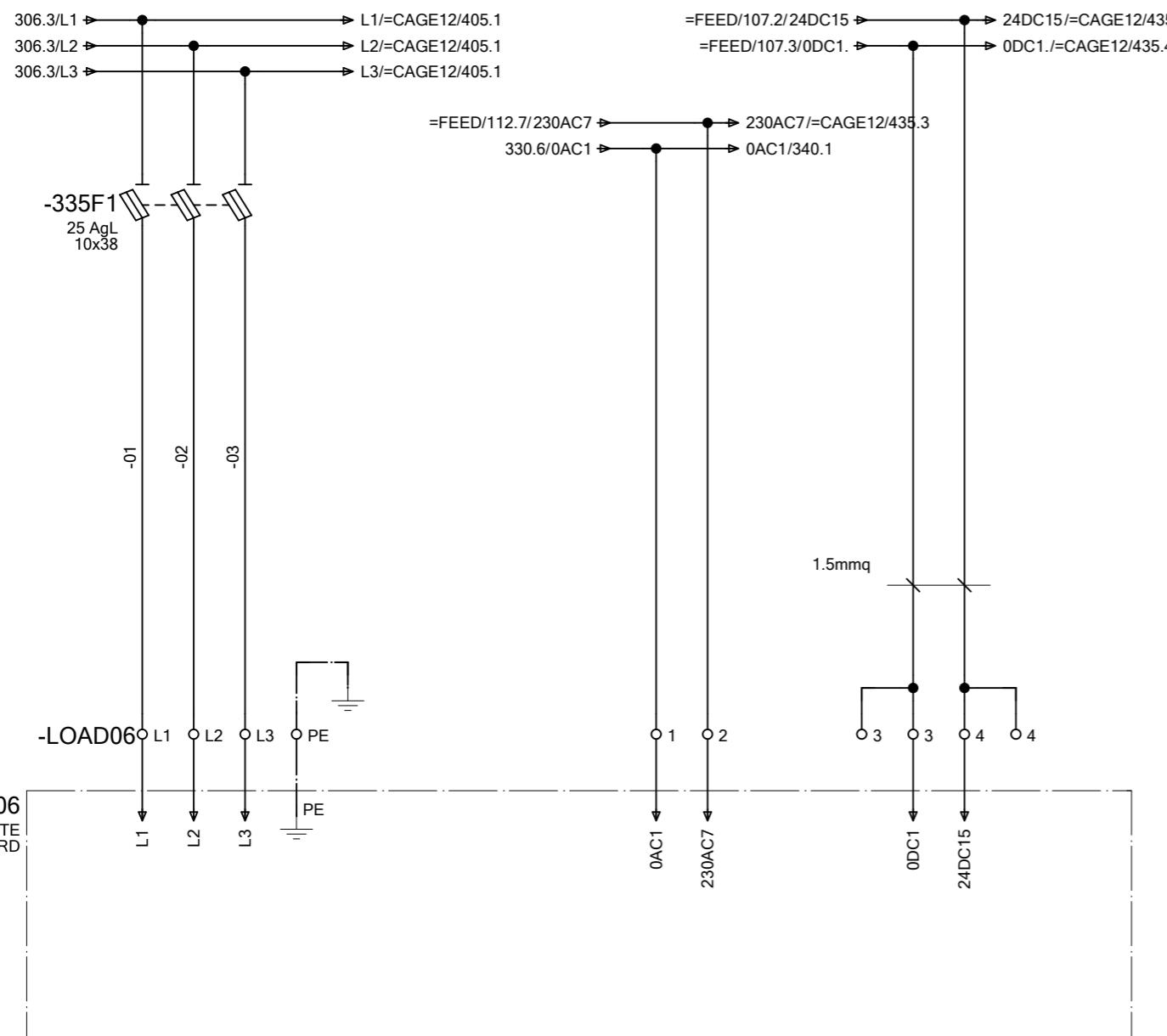
			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS SPARE	DW0057070014  C.19068	= CAGE06
			Dis.to	MF					+ MCB1
									FOGLIO 332
Revisione	Data	Nome	NORME	IEC-CEI					Segue 335

0 1 2 3 4 5 6 7 8 9

LOADER REMOTE CONTROL  
SUPPLY

230VAC AUXILIARY

24VDC AUXILIARY



TO SEE DW0060  
SHEET 241

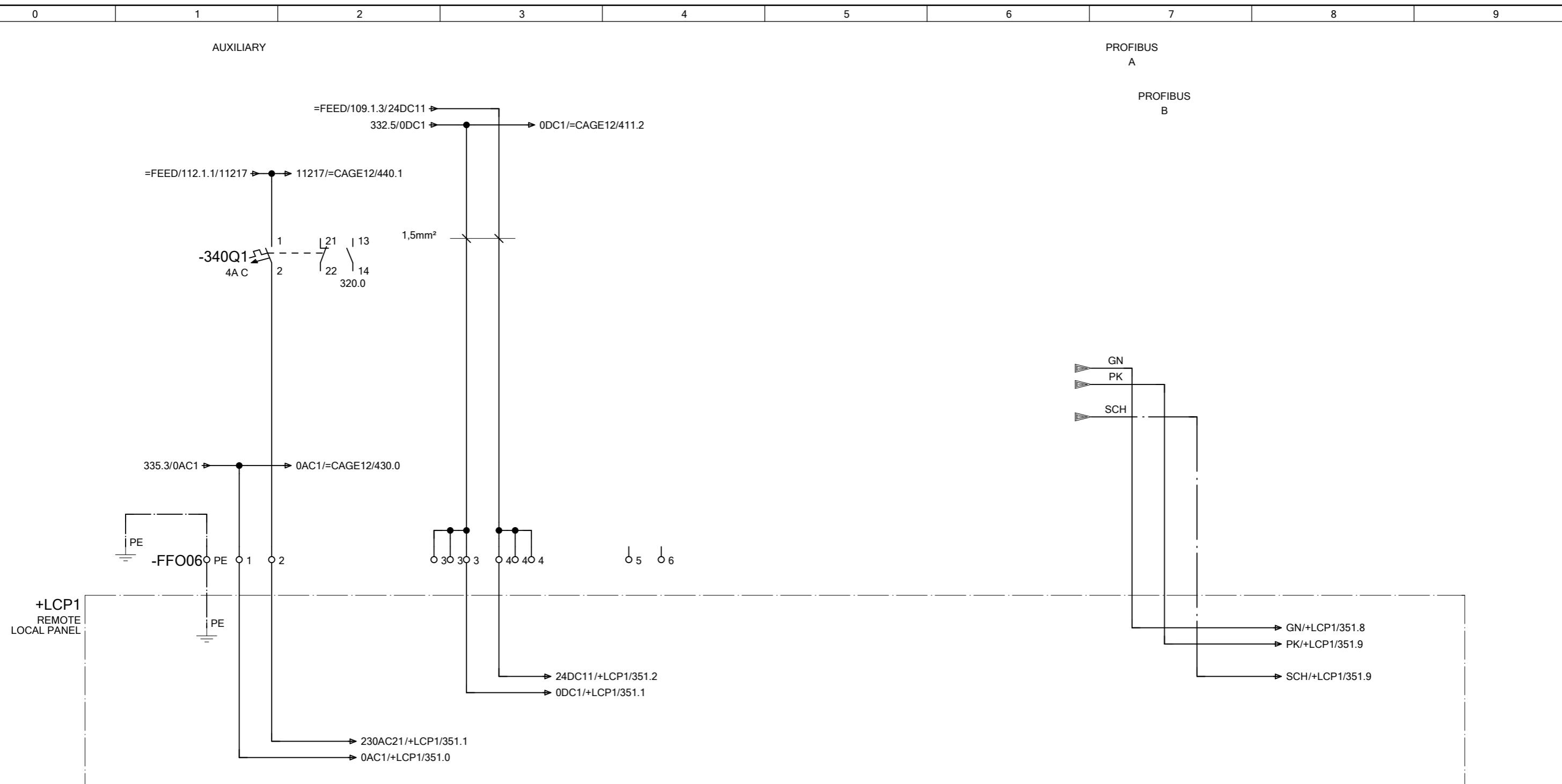
		Data	24.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	LOADER REMOTE CONTROL SUPPLY	DW0057070014	= CAGE06
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI				FOGLIO
							C.19068	335
							Segue	336

0	1	2	3	4	5	6	7	8	9
LOADER IN STAND BY	LOADER INSIDE CAGE	LOADER CLAMP OPEN	LOADER OUT OF CAGE		CAGE LOADER ENABLE	PRESENCE OF BOBBIN INSIDE CAGE	LOADER LOCK PISTON INSERTED	CAGE PINTLE OPEN	

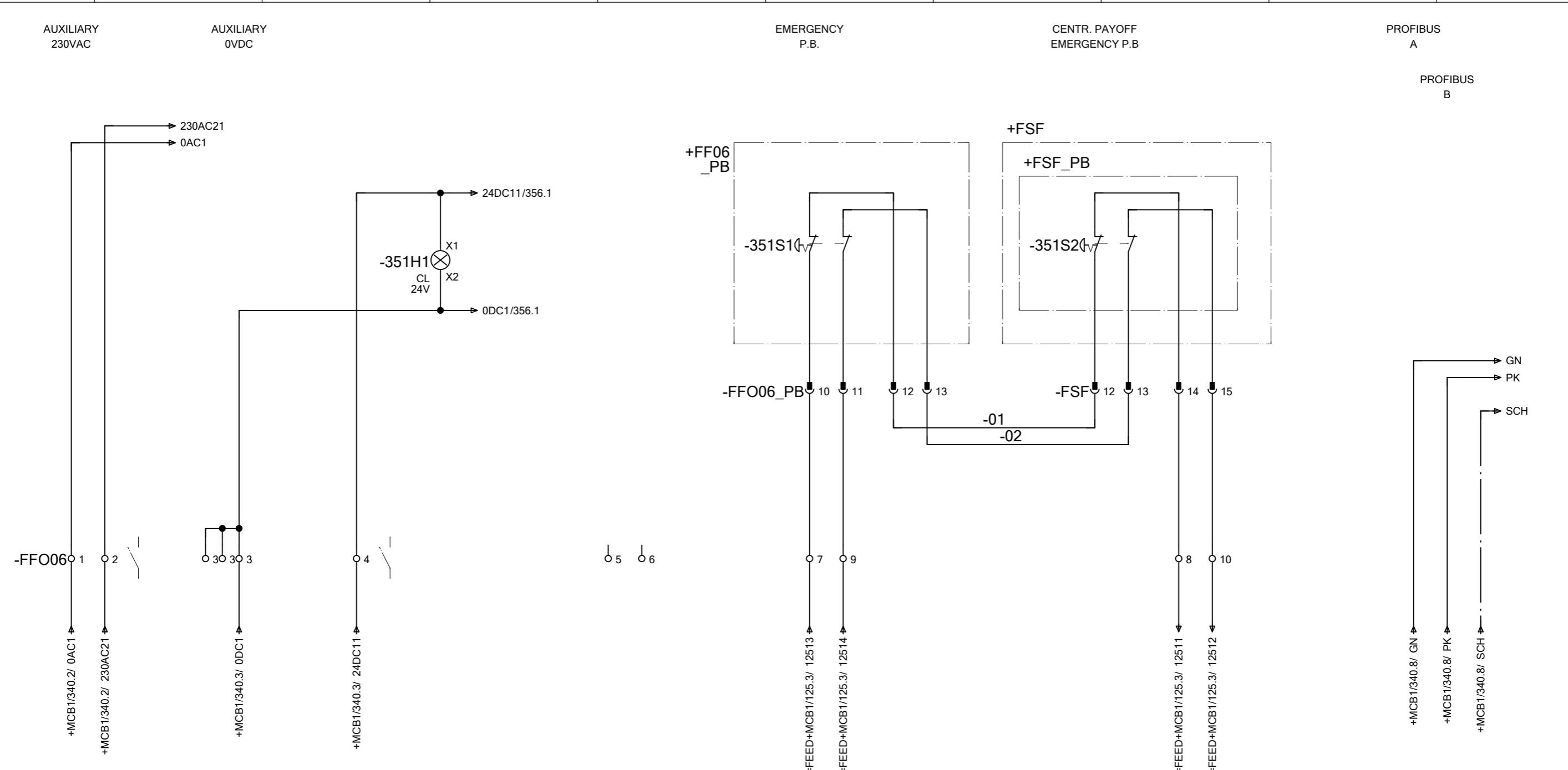
**DEFINIRE GLI INDIRIZZI DI INGRESSI E USCITE**

## **DEFINIRE GLI INDIRIZZI DI INGRESSI E USCITE**

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	LOADER INTERCONNECTION	DW0057070014  C.19068	= CAGE06
			Dis.to	MF					+ MCB1
									FOGLIO 336
Revisione	Data	Nome	NORME	IEC-CEI					Segue 340

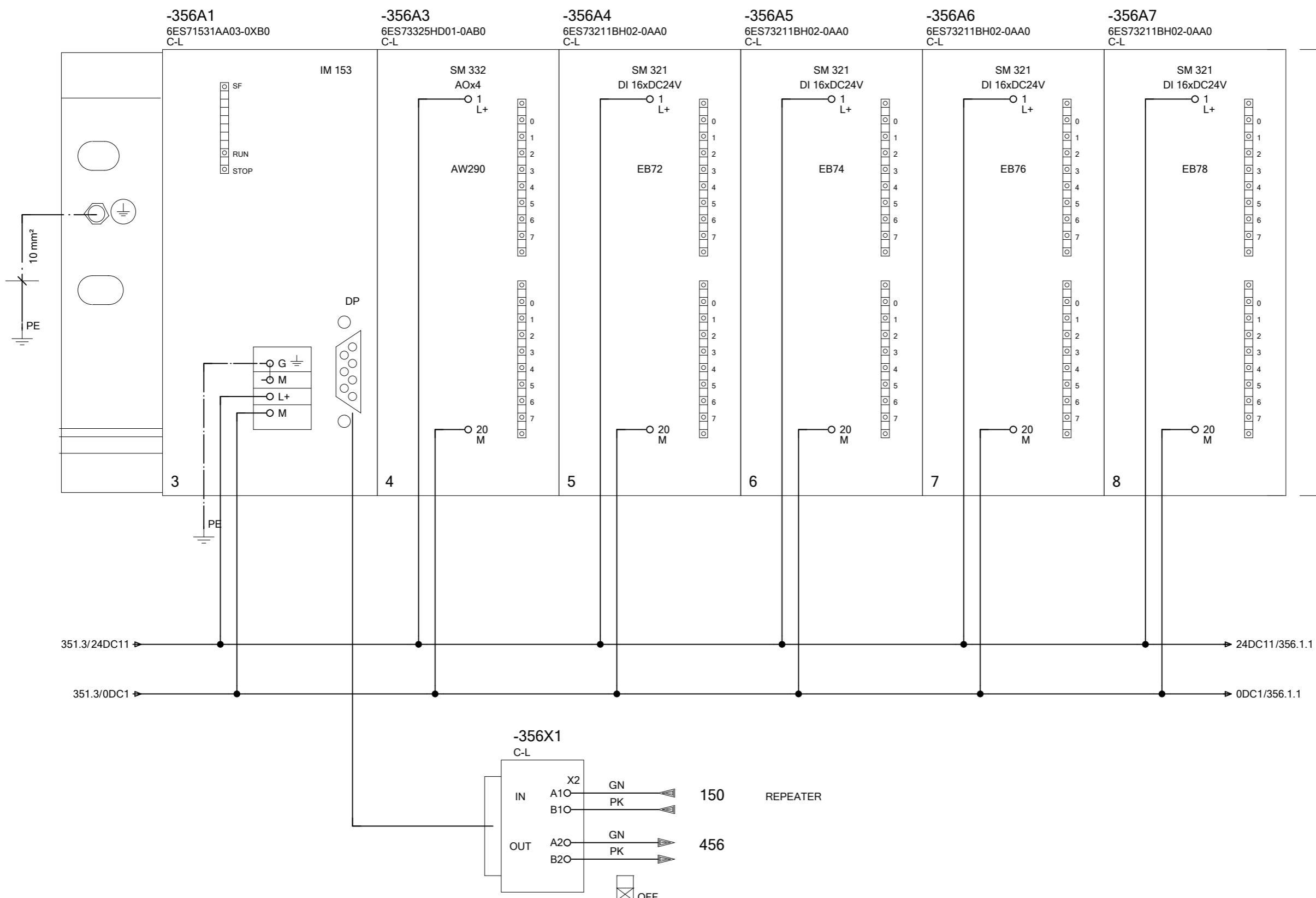


		Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	SUPPLY DISTRIBUTION	DW0057070014	= CAGE06
		Dis.to	MF				+ MCB1	
							FOGLIO	340

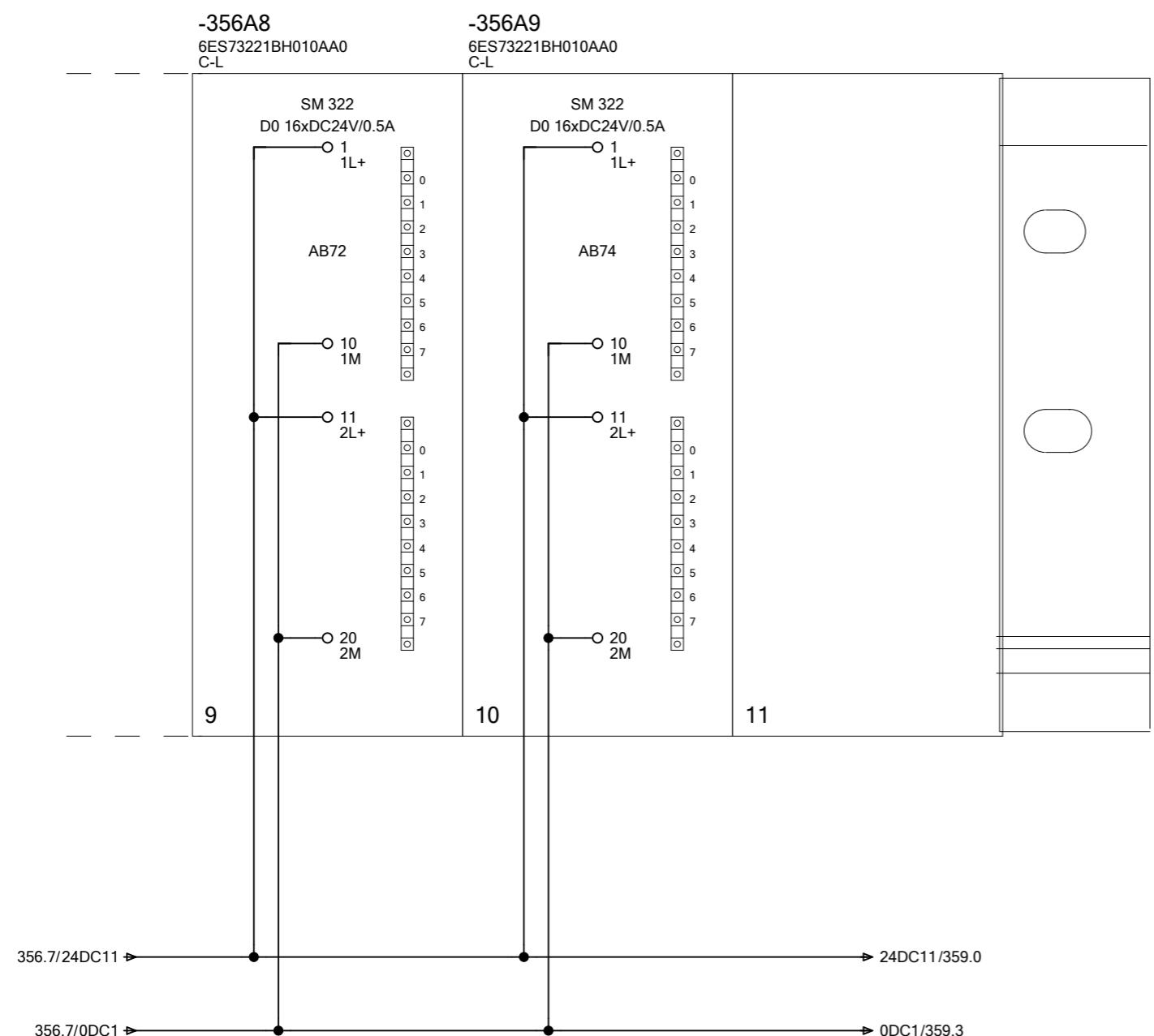


			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	SUPPLY DISTRIBUTION	DW0057070014  C.19068	= CAGE06
			Dis.to	MF					+ LCP1
									FOGLIO 351
Revisione	Data	Nome	NORME	IEC-CEI					Segue 356

0 1 2 3 4 5 6 7 8 9



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	ET200M	DW0057070014 C.19068	= CAGE06
			Dis.to	MF					+ LCP1
Revisione	Data	Nome	NORME	IEC-CEI					FOGLIO 356 Segue 356.1



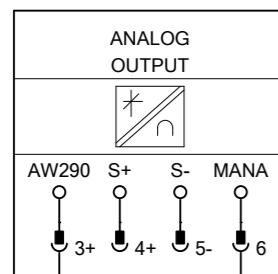
0	1	2	3	4	5	6	7	8	9	
-356A3	-356A4	-356A5	-356A6	-356A7	-356A8	-356A9				
/359.1 — <sup>3</sup> ○ AW290 — <sup>4</sup> ○ — <sup>5</sup> ○ — <sup>6</sup> ○ /359.3 — <sup>7</sup> ○ AW292 — <sup>8</sup> ○ — <sup>9</sup> ○ — <sup>10</sup> ○ /359.5 — <sup>11</sup> ○ AW294 — <sup>12</sup> ○ — <sup>13</sup> ○ — <sup>14</sup> ○ /359.8 — <sup>15</sup> ○ AW296 — <sup>16</sup> ○ — <sup>17</sup> ○ — <sup>18</sup> ○	/361.1 — <sup>2</sup> ○ E72.0 /361.2 — <sup>3</sup> ○ .1 /361.3 — <sup>4</sup> ○ .2 /361.4 — <sup>5</sup> ○ .3 /361.5 — <sup>6</sup> ○ .4 /361.6 — <sup>7</sup> ○ .5 /361.7 — <sup>8</sup> ○ .6 /361.8 — <sup>9</sup> ○ .7 /362.1 — <sup>12</sup> ○ E73.0 /362.2 — <sup>13</sup> ○ .1 /362.3 — <sup>14</sup> ○ .2 /362.5 — <sup>15</sup> ○ .3 /362.6 — <sup>16</sup> ○ .4 /362.7 — <sup>17</sup> ○ .5 /362.8 — <sup>18</sup> ○ .6 /362.9 — <sup>19</sup> ○ .7	/363.1 — <sup>2</sup> ○ E74.0 /363.2 — <sup>3</sup> ○ .1 /363.3 — <sup>4</sup> ○ .2 /363.4 — <sup>5</sup> ○ .3 /363.5 — <sup>6</sup> ○ .4 /363.6 — <sup>7</sup> ○ .5 /363.7 — <sup>8</sup> ○ .6 /363.8 — <sup>9</sup> ○ .7 /364.0 — <sup>12</sup> ○ E75.0 /364.2 — <sup>13</sup> ○ .1 /364.2 — <sup>14</sup> ○ .2 /364.3 — <sup>15</sup> ○ .3 /364.4 — <sup>16</sup> ○ .4 /364.5 — <sup>17</sup> ○ .5 /364.6 — <sup>18</sup> ○ .6 /364.9 — <sup>19</sup> ○ .7	/365.1 — <sup>2</sup> ○ E76.0 /365.2 — <sup>3</sup> ○ .1 /365.3 — <sup>4</sup> ○ .2 /365.4 — <sup>5</sup> ○ .3 /365.5 — <sup>6</sup> ○ .4 /365.6 — <sup>7</sup> ○ .5 /365.7 — <sup>8</sup> ○ .6 /365.8 — <sup>9</sup> ○ .7 /366.1 — <sup>12</sup> ○ E77.0 /367.2 — <sup>13</sup> ○ .1 /367.3 — <sup>14</sup> ○ .2 /367.4 — <sup>15</sup> ○ .3 /367.4 — <sup>16</sup> ○ .4 /367.5 — <sup>17</sup> ○ .5 /367.6 — <sup>18</sup> ○ .6 /367.7 — <sup>19</sup> ○ .7	/367.8 — <sup>2</sup> ○ E78.0 /368.2 — <sup>3</sup> ○ .1 /368.2 — <sup>4</sup> ○ .2 /368.3 — <sup>5</sup> ○ .3 /368.4 — <sup>6</sup> ○ .4 /368.5 — <sup>7</sup> ○ .5 /368.6 — <sup>8</sup> ○ .6 /375.1 — <sup>9</sup> ○ .7 /375.2 — <sup>12</sup> ○ E79.0 /375.3 — <sup>13</sup> ○ .1 /375.4 — <sup>14</sup> ○ .2 /375.5 — <sup>15</sup> ○ .3 /375.6 — <sup>16</sup> ○ .4 /375.7 — <sup>17</sup> ○ .5 /375.8 — <sup>18</sup> ○ .6 /375.9 — <sup>19</sup> ○ .7	/382.0 — <sup>2</sup> ○ A72.0 /382.1 — <sup>3</sup> ○ .1 /382.2 — <sup>4</sup> ○ .2 /383.1 — <sup>5</sup> ○ .3 /383.2 — <sup>6</sup> ○ .4 /383.3 — <sup>7</sup> ○ .5 /383.4 — <sup>8</sup> ○ .6 /384.0 — <sup>9</sup> ○ .7 /384.2 — <sup>12</sup> ○ A73.0 /384.2 — <sup>13</sup> ○ .1 /384.3 — <sup>14</sup> ○ .2 /386.0 — <sup>15</sup> ○ .3 /386.4 — <sup>16</sup> ○ .4 /386.5 — <sup>17</sup> ○ .5 /386.6 — <sup>18</sup> ○ .6 /386.7 — <sup>19</sup> ○ .7	/387.1 — <sup>2</sup> ○ A74.0 /387.2 — <sup>3</sup> ○ .1 /387.3 — <sup>4</sup> ○ .2 /387.4 — <sup>5</sup> ○ .3 /387.5 — <sup>6</sup> ○ .4 /388.0 — <sup>7</sup> ○ .5 /388.1 — <sup>8</sup> ○ .6 /388.2 — <sup>9</sup> ○ .7 /388.3 — <sup>12</sup> ○ A75.0 /388.4 — <sup>13</sup> ○ .1 /388.5 — <sup>14</sup> ○ .2 /388.6 — <sup>15</sup> ○ .3 /388.7 — <sup>16</sup> ○ .4 /390.1 — <sup>17</sup> ○ .5 /390.2 — <sup>18</sup> ○ .6 /390.3 — <sup>19</sup> ○ .7				

		Data	24.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	PLC KAF	DW0057070014	= CAGE06
		Dis.to	MF	1+6+12+18+24 B/630				+ LCP1
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO 357.1

0 1 2 3 4 5 6 7 8 9

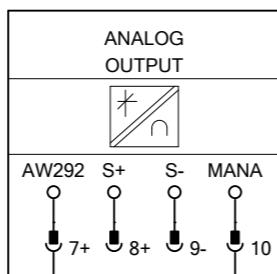
CAGE BRAKE  
PROPORT. VALVE

-356A3



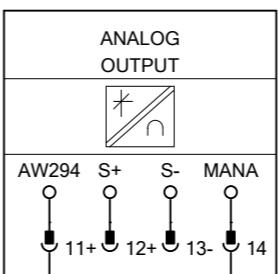
BOBBINS BRAKE  
PROPORT. VALVE

-356A3



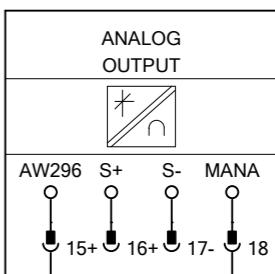
SPARE

-356A3



PAYOFF 630 BRAKE  
PROPORT. VALVE

-356A3



-01

0DC1

-03

-04

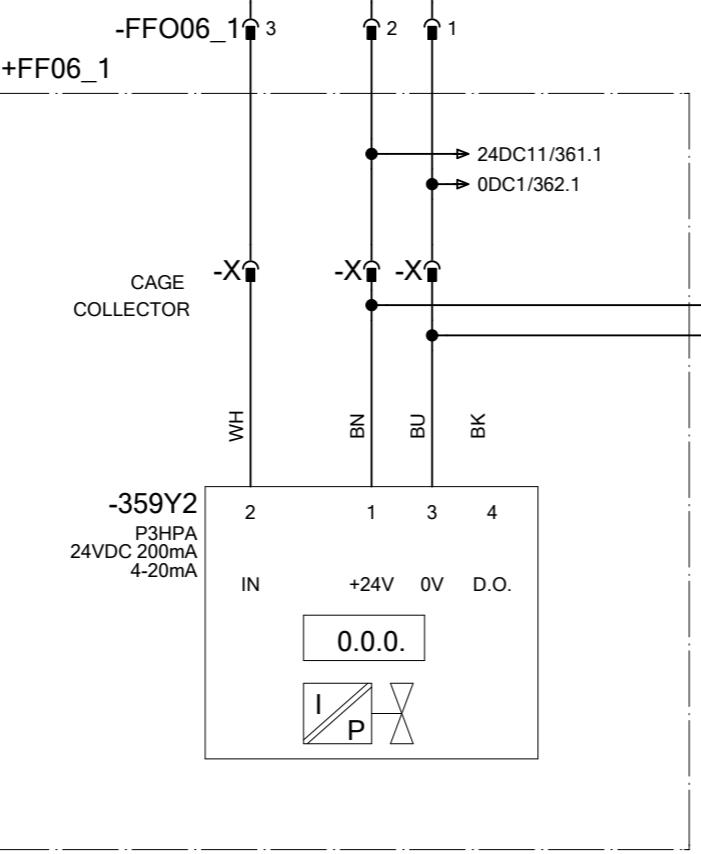
-06

356.1.4/0DC1 ➔ 0DC1/359.7

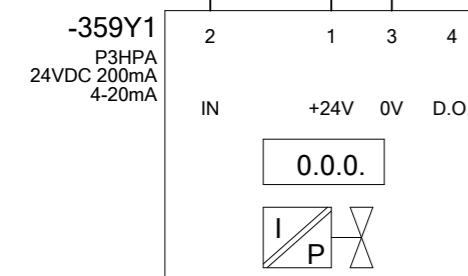
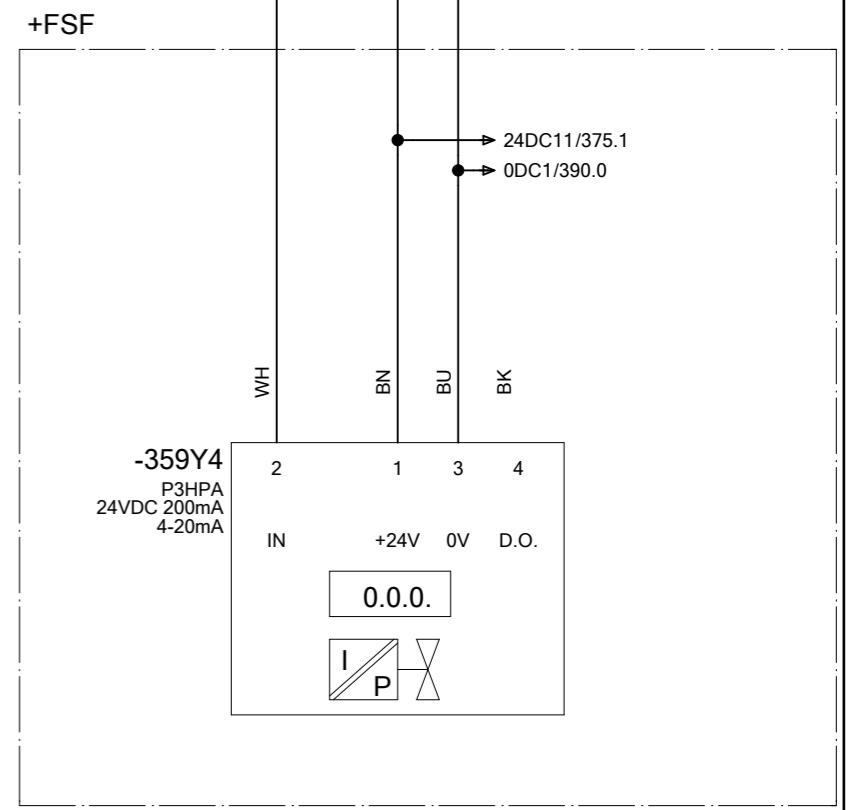
359.4/0DC1 ➔ 0DC1/362.4

356.1.4/24DC11 ➔ 24DC11/361.0

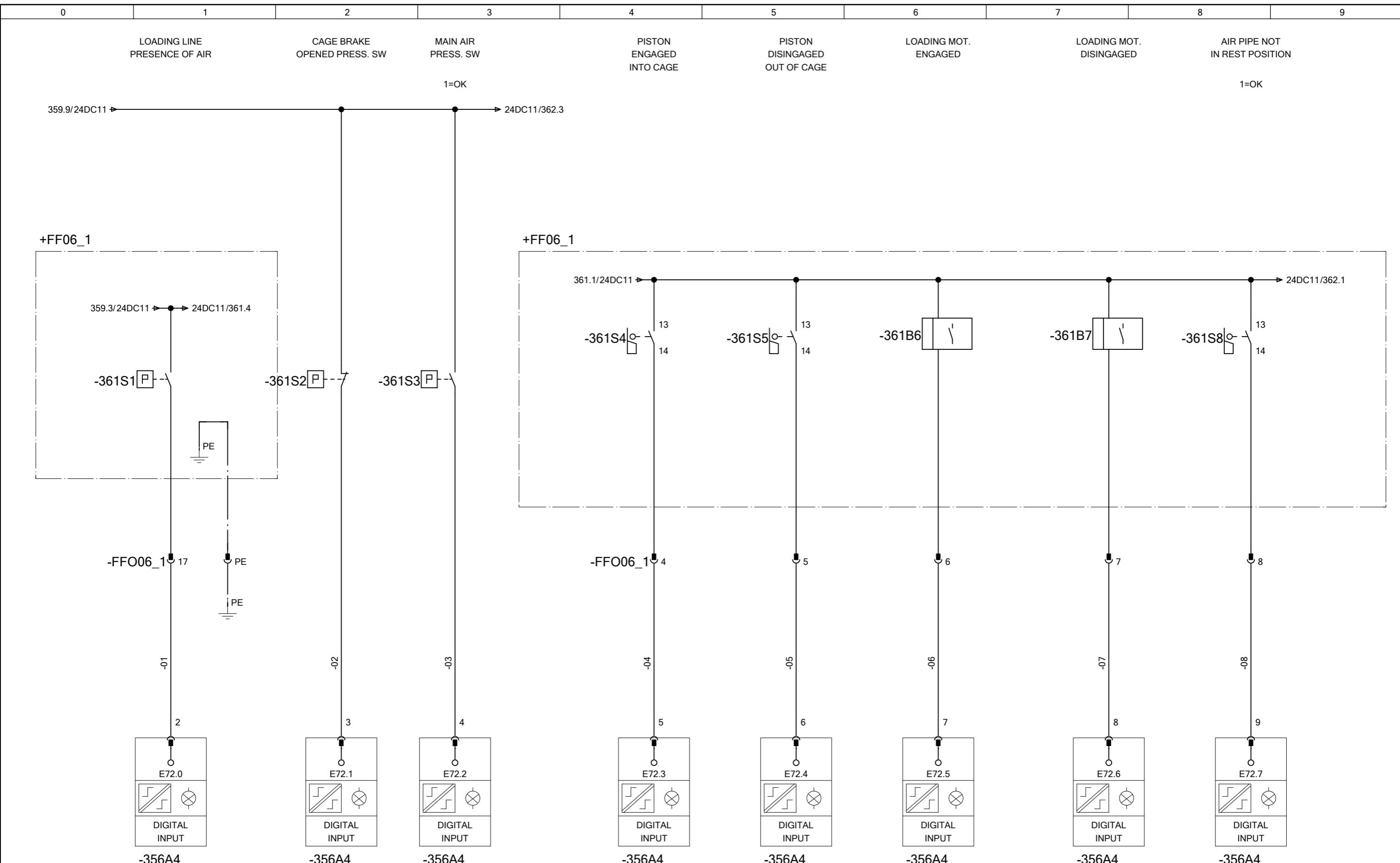
24DC11/361.0 ➔ 24DC11/375.1



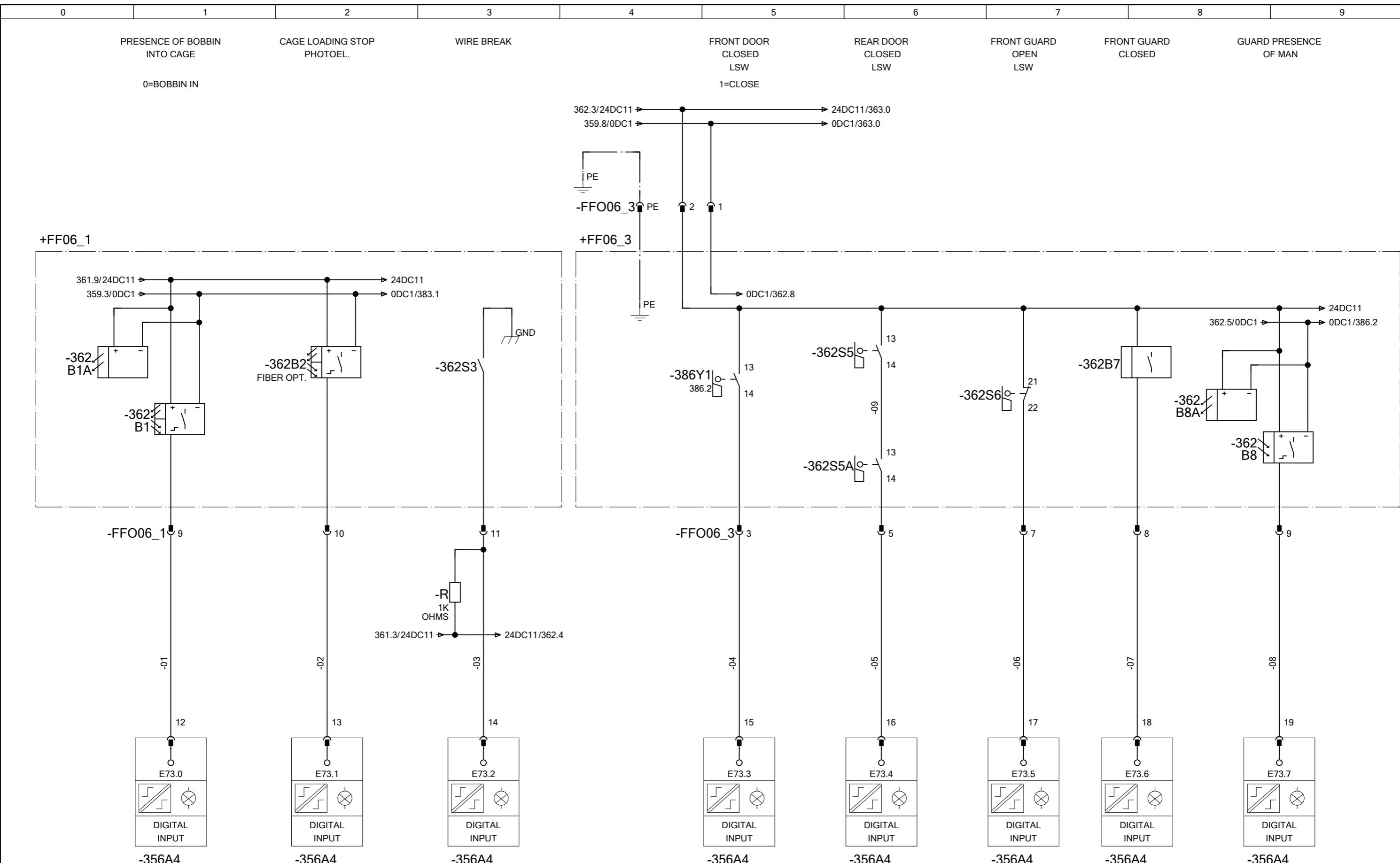
-XPLC 1 2 3 4



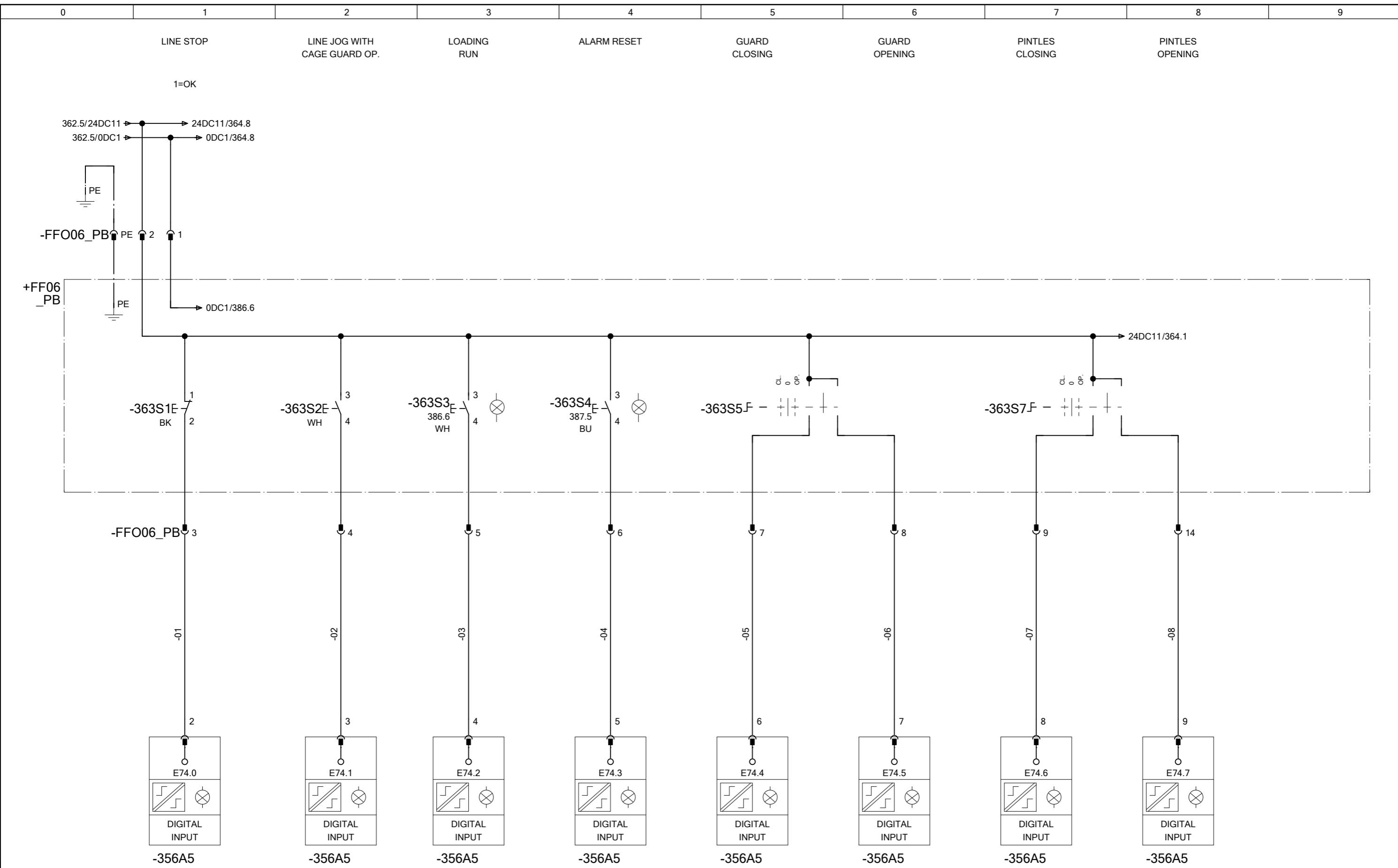
			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	ANALOG OUTPUT	DW0057070014 C.19068	= CAGE06
			Dis.to	MF					+ LCP1
Revisione	Data	Nome	NORME	IEC-CEI					FOGLIO
									359
								Segue	361



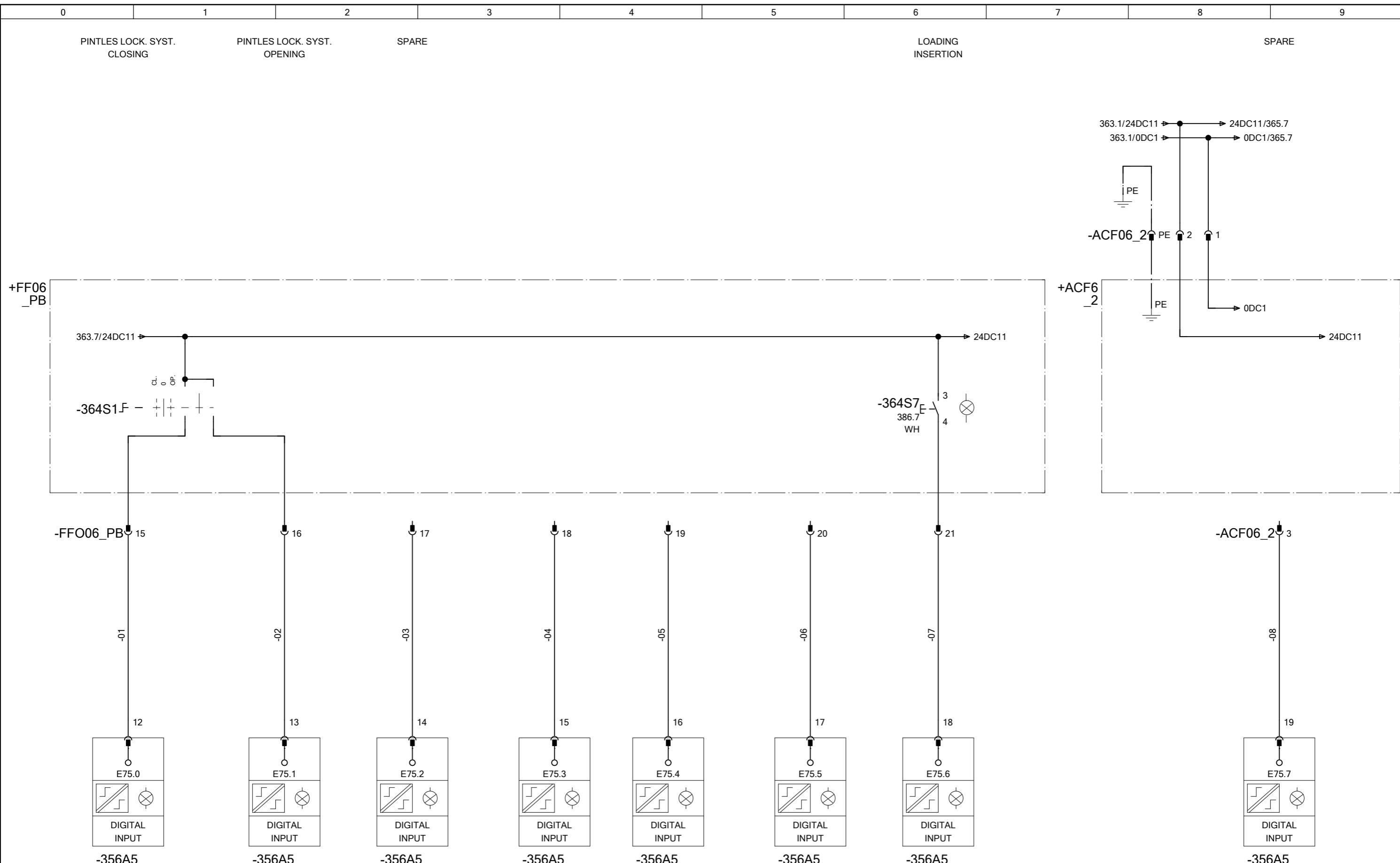
			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIG. INP/OUT DIE STAND	DW0057070014 C.19068	= CAGE06
			Dis.to	MF					+ LCP1
									FOGLIO 361
Revisione	Data	Nome	NORME	IEC-CEI					Segue 362



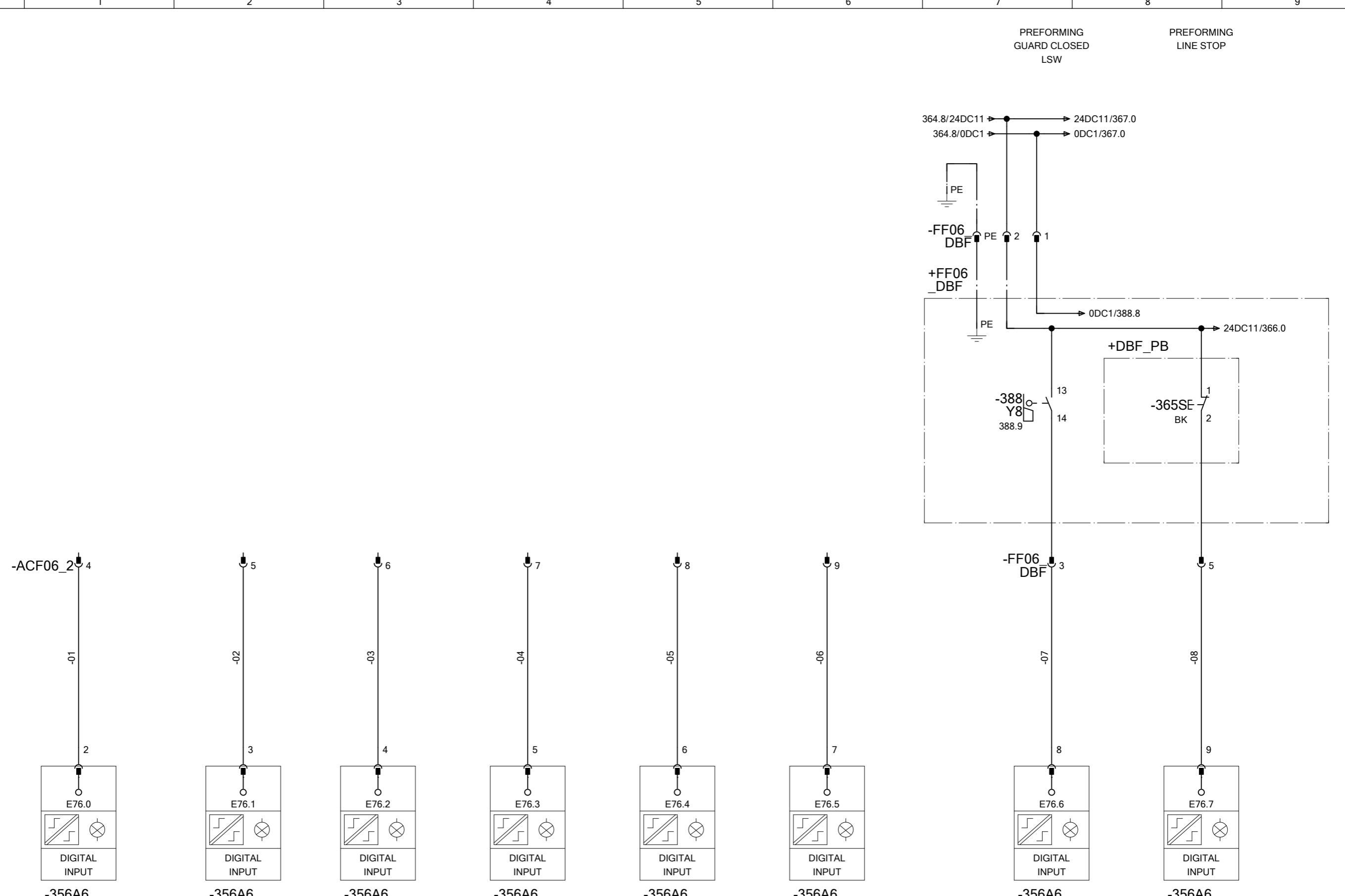
			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE06
			Dis.to	MF					+ LCP1
									FOGLIO 362
Revisione	Data	Nome	NORME	IEC-CEI					Segue 363



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014  C.19068	= CAGE06
			Dis.to	MF					+ LCP1
									FOGLIO 363
Revisione	Data	Nome	NORME	IEC-CEI					Segue 364

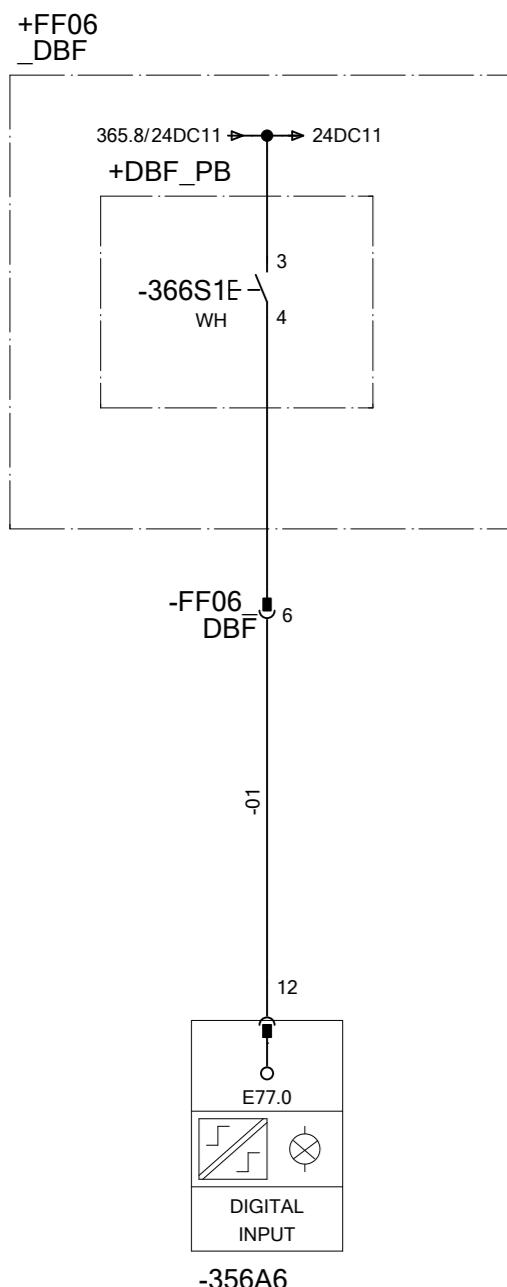


			Data	23.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE06
			Dis.to	MF					+ LCP1
									FOGLIO 364
Revisione	Data	Nome	NORME	IEC-CEI					Segue 365



			Data	23.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE06
			Dis.to	MF					+ LCP1
									FOGLIO 365
Revisione	Data	Nome	NORME	IEC-CEI					Segue 366

PREFORMING  
LINE JOG



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL INPUTS	DW0057070014	= CAGE06
			Dis.to	MF	1+6+12+18+24 B/630				+ LCP1
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 366

0 1 2 3 4 5 6 7 8 9

BOBBIN 1  
BREAK OF WIRE  
AND DIAMETER CALCUL.

BOBBIN 2  
BREAK OF WIRE

BOBBIN 3  
BREAK OF WIRE

BOBBIN 4  
BREAK OF WIRE

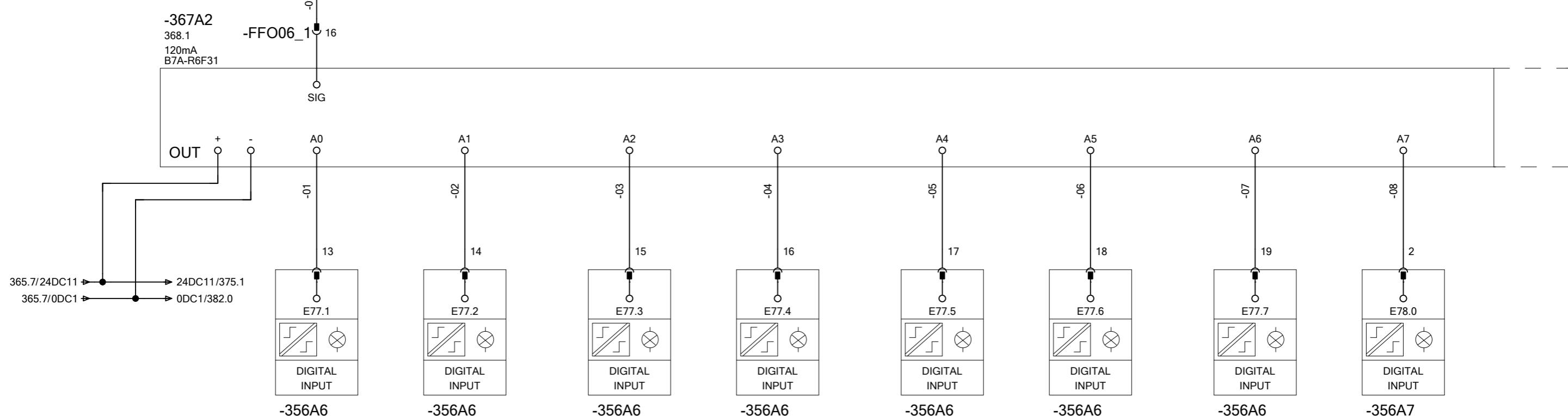
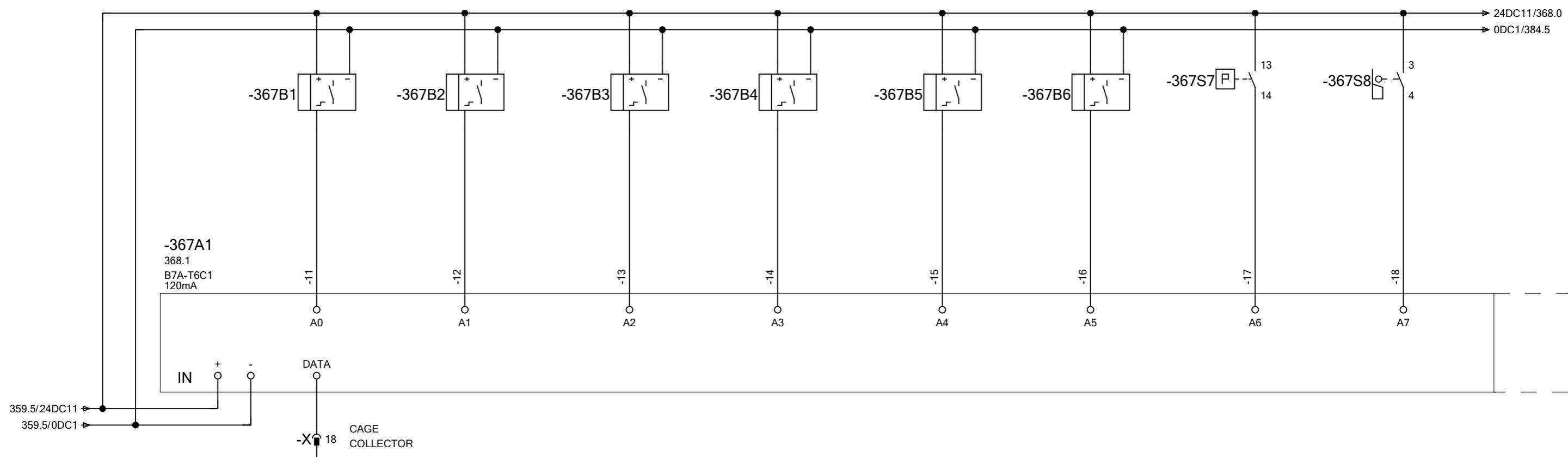
BOBBIN 5  
BREAK OF WIRE

BOBBIN 6  
BREAK OF WIRE

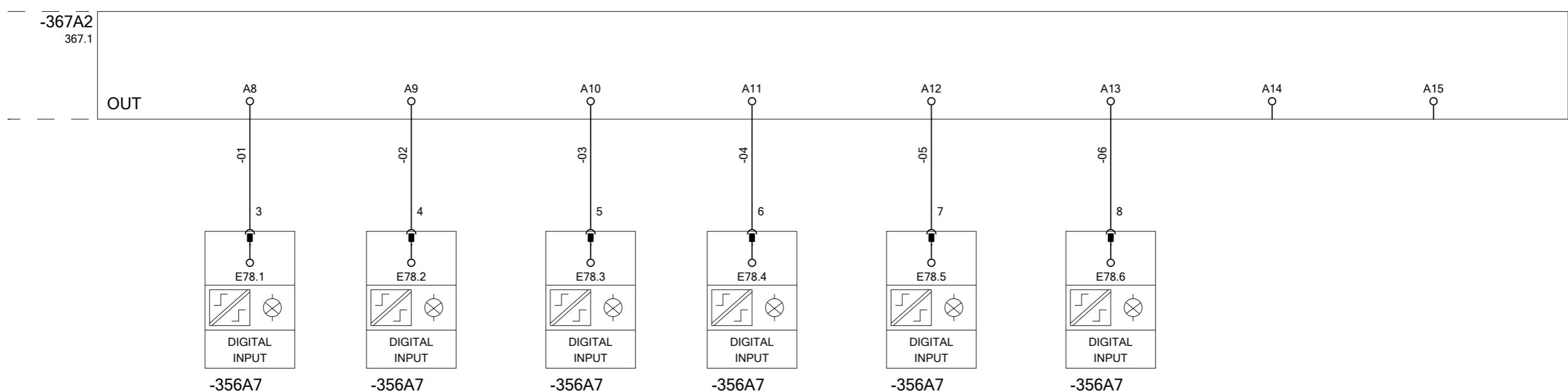
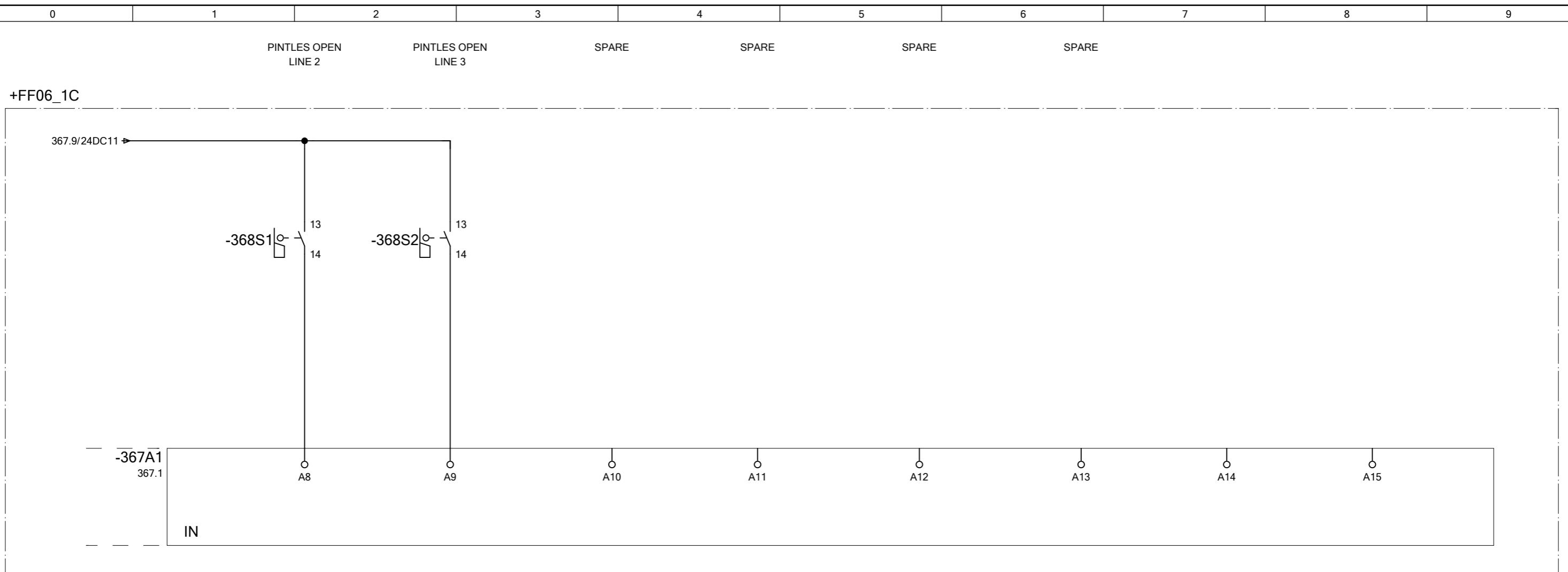
BOBBIN BRAKES  
AIR TANK  
PRESSURE SW.

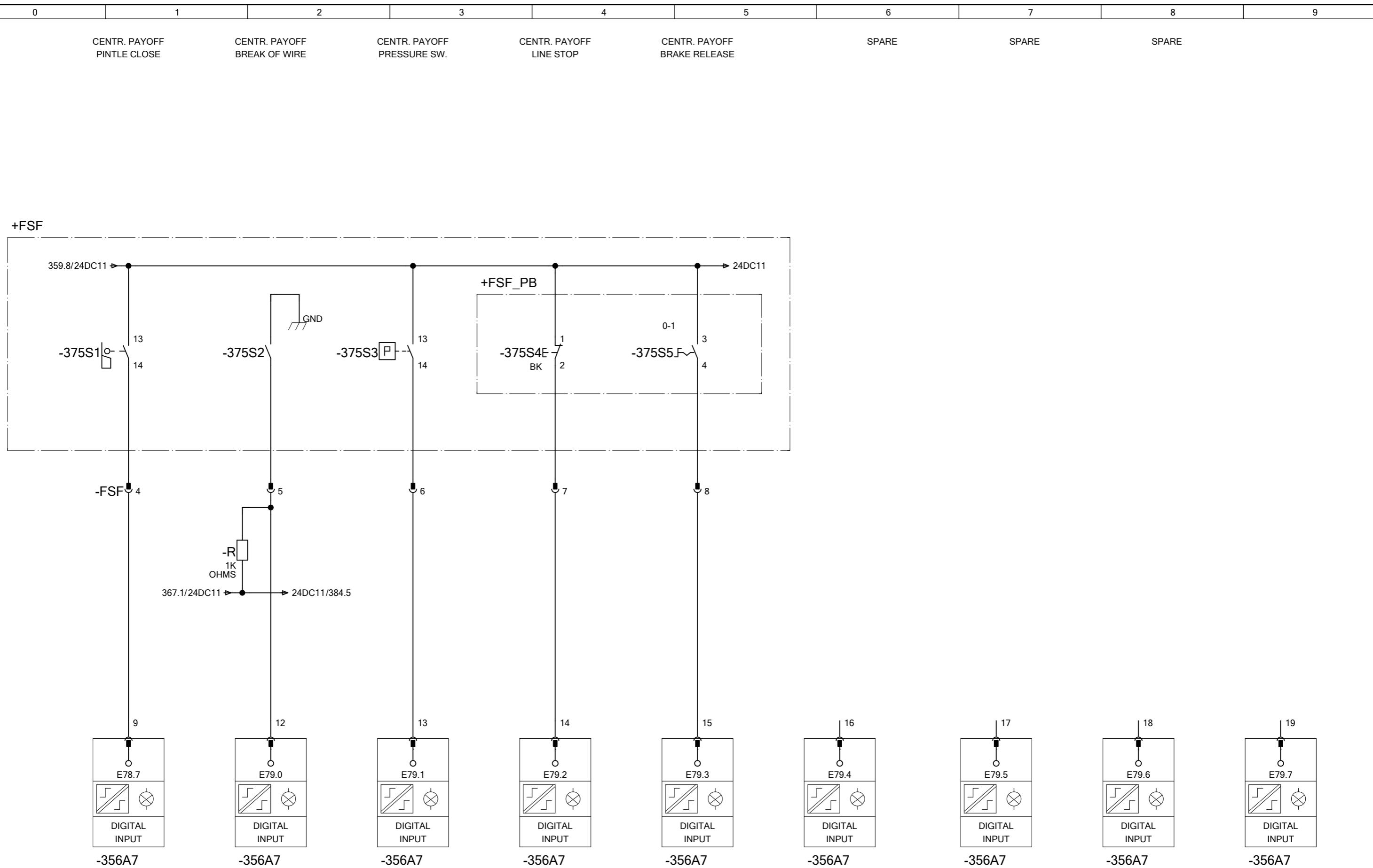
PINTLES OPEN  
LINE 1

+FF06\_1C

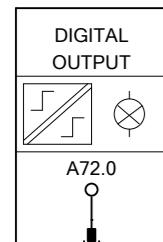


		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL INPUTS	DW0057070014	= CAGE06
		Dis.to	MF	1+6+12+18+24 B/630				+ LCP1
		Nome	NORME	IEC-CEI				FOGLIO
Revisione	Data							Segue
								367
							C.19068	368

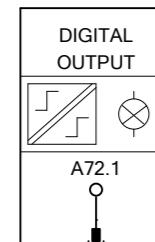




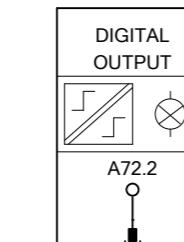
0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

LOADING MOT.  
ENGAGINGLOADING MOT.  
DISINAGINGCAGE  
STATIONARY BRAKE**-356A8**

2

**-382Y1**  
24VDC**-356A8**

3

**-382Y2**  
24VDC**-356A8**

4

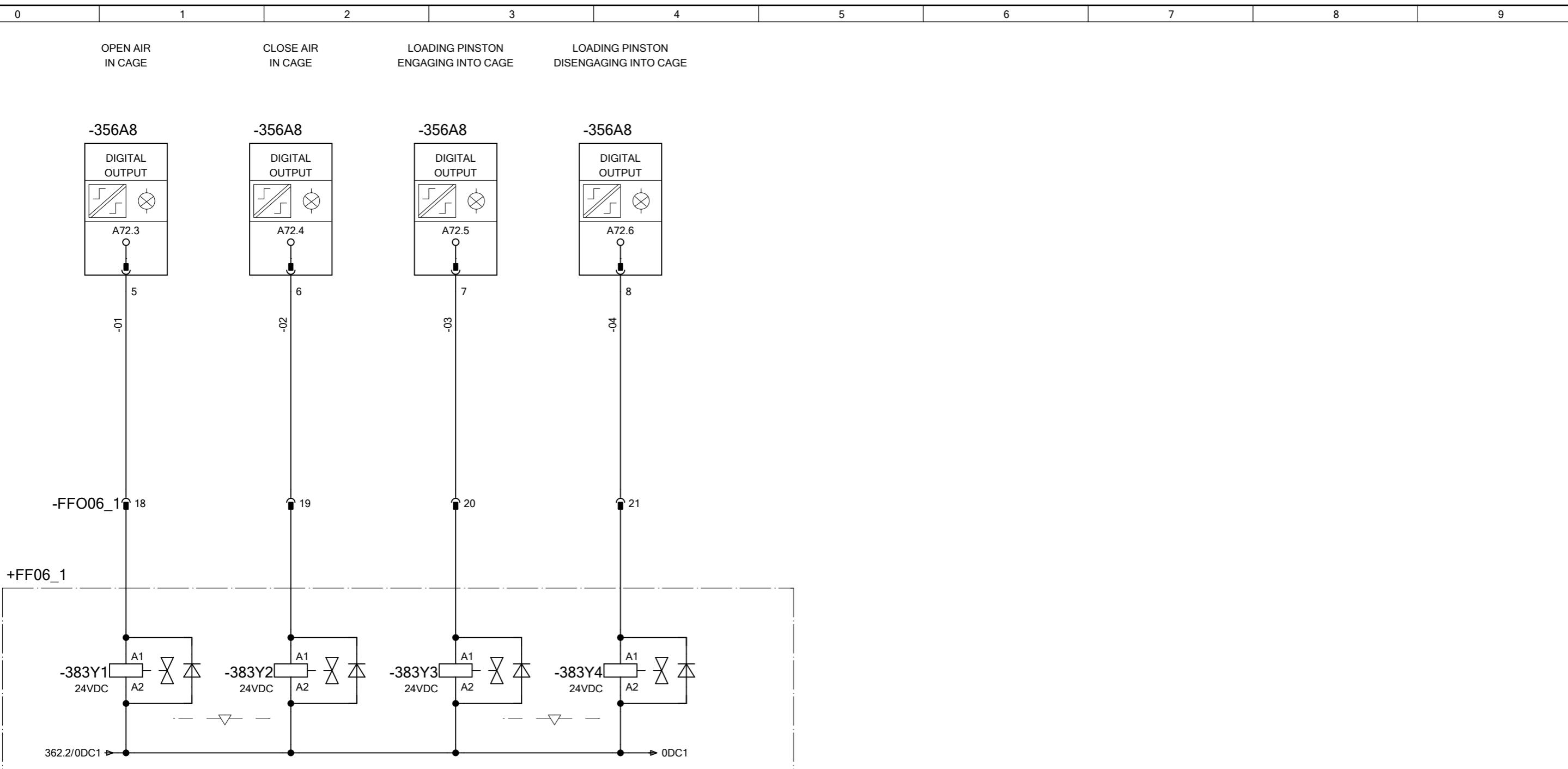
**-382Y3**  
24VDC

367.1/0DC1 → 0DC1/384.0

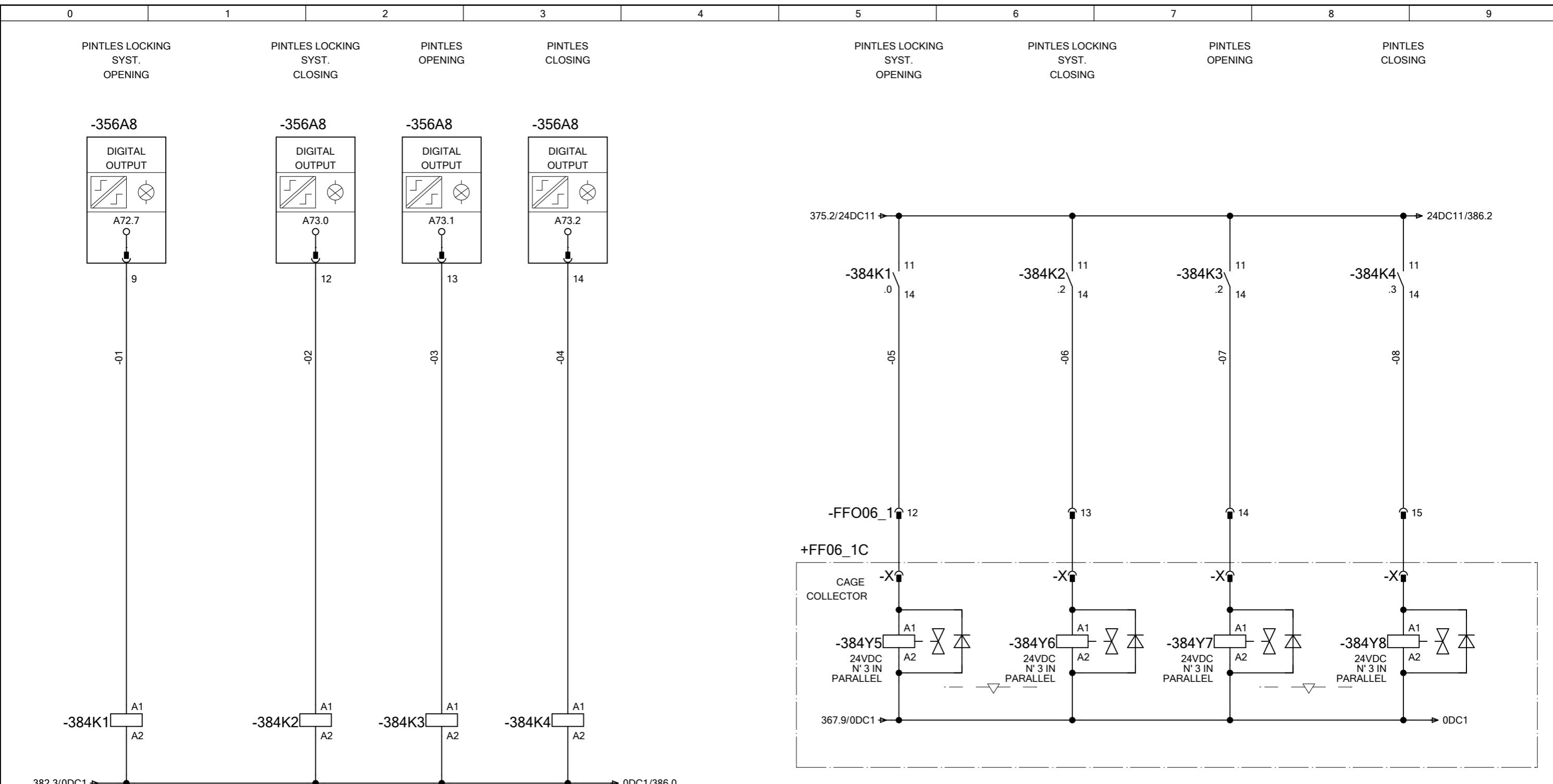
			Data	24.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL OUTPUTS	DW0057070014	= CAGE06
			Dis.to	MF	1+6+12+18+24 B/630				+ LCP1
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 382

Segue

383



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS	DW0057070014  C.19068	= CAGE06
			Dis.to	MF					+ LCP1
									FOGLIO 383
Revisione	Data	Nome	NORME	IEC-CEI					Segue 384



11 -    .5

11 -    .6

11 -

11 -    .8

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS	DW0057070014	= CAGE06
			Dis.to	MF				+ LCP1	
								FOGLIO	384
Revisione	Data	Nome	NORME	IEC-CEI				C.19068	Segue 386

0 1 2 3 4 5 6 7 8 9

FRONT DOOR  
LOCKING

FRONT DOOR  
LOCKING

GUARD  
OPENING

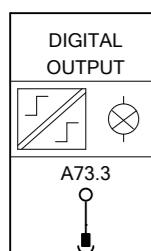
GUARD  
CLOSINING

LOADING RUN

LOADING  
INSERTION

0=CLOSE

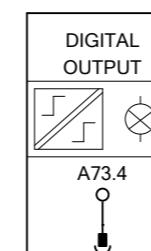
-356A8



384.9/24DC11 → 24DC11/388.8

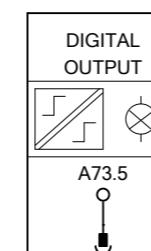
-386K1  
.0  
11  
14  
15  
-01  
-06  
-FF06\_3  
+FF06\_3  
A1  
A2  
-386Y1  
362.5  
24 VDC  
10 VA  
362.9/0DC1 → 0DC1

-356A8



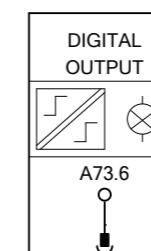
16

-356A8



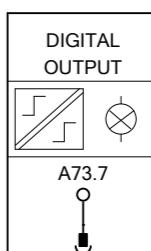
17

-356A8



18

-356A8

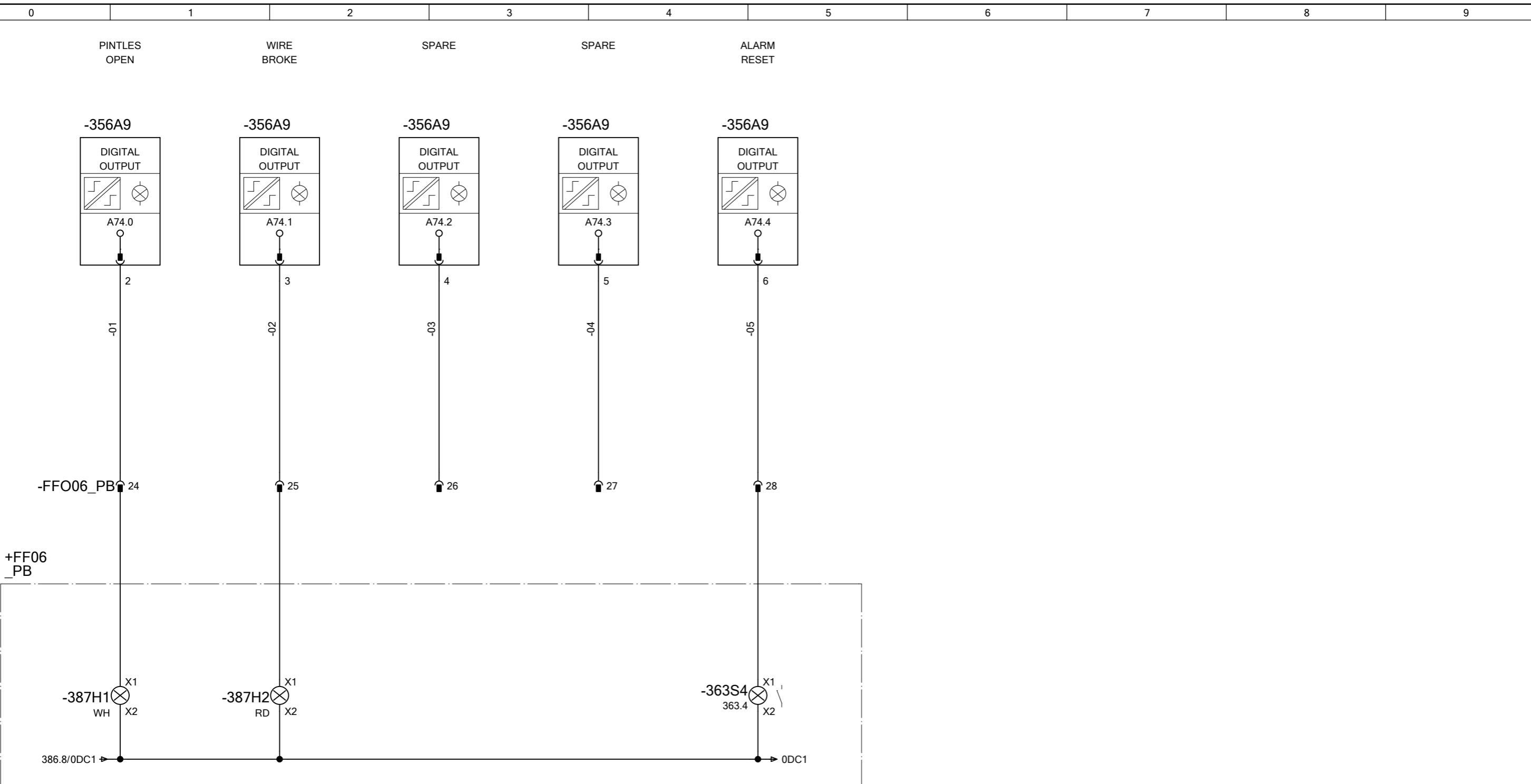


19

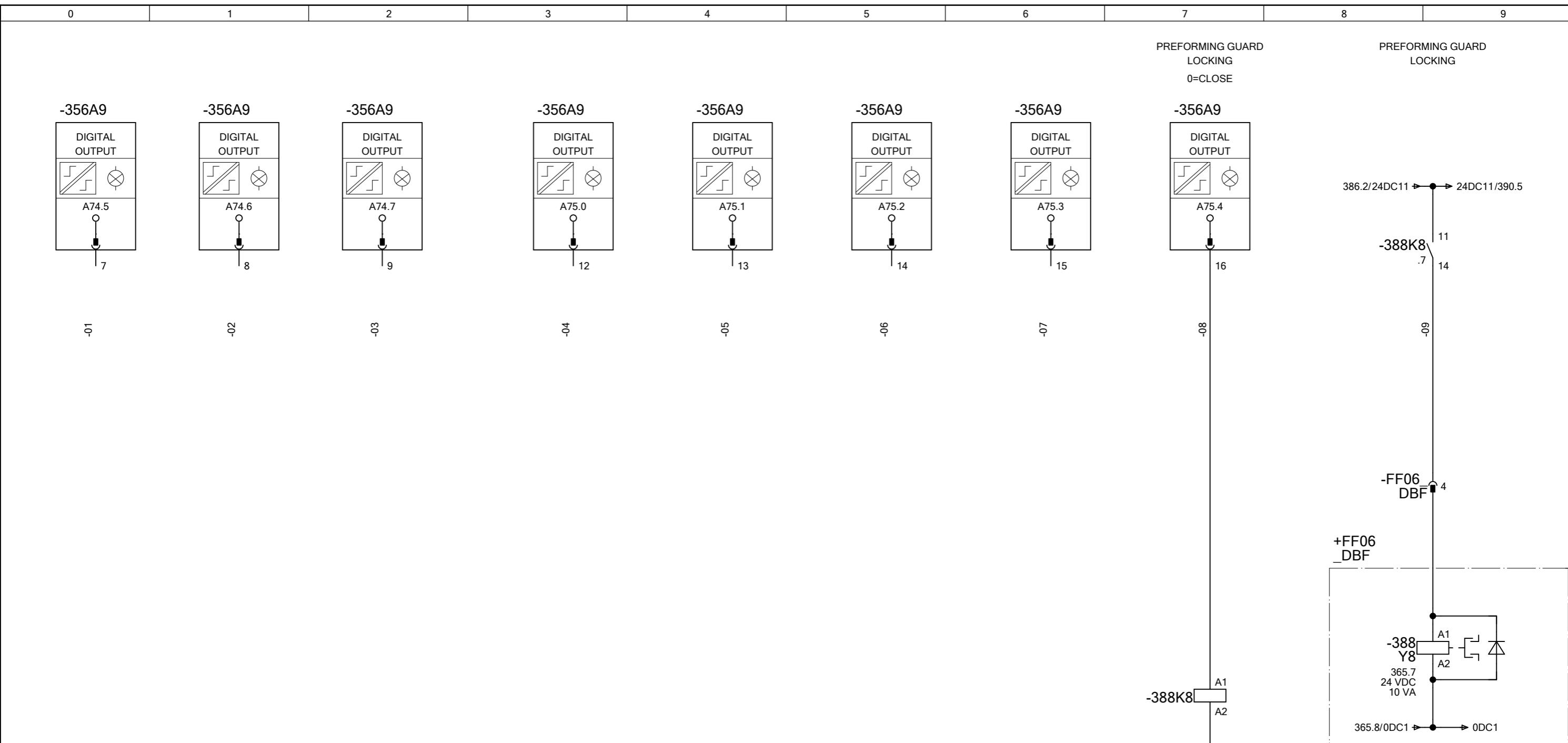
384.3/0DC1 → 0DC1/388.0

11 - .2

Revisione	Data	Nome	NORME	IEC-CEI	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS	DW0057070014	= CAGE06
		Dis.to	MF						+ LCP1

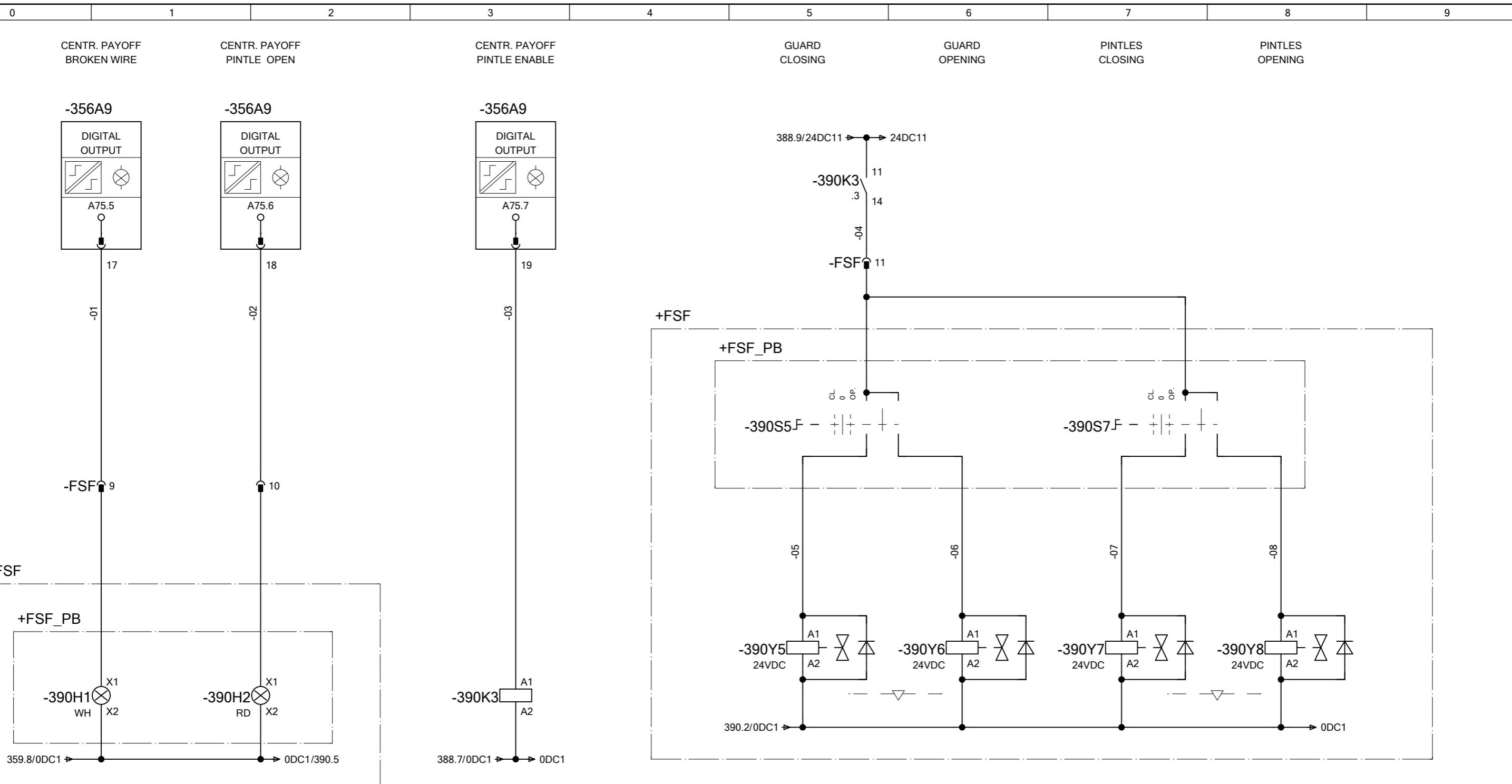


			Data	23.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS	DW0057070014	= CAGE06
			Dis.to	MF				+ LCP1	
								FOGLIO	387
Revisione	Data	Nome	NORME	IEC-CEI				C.19068	Segue 388



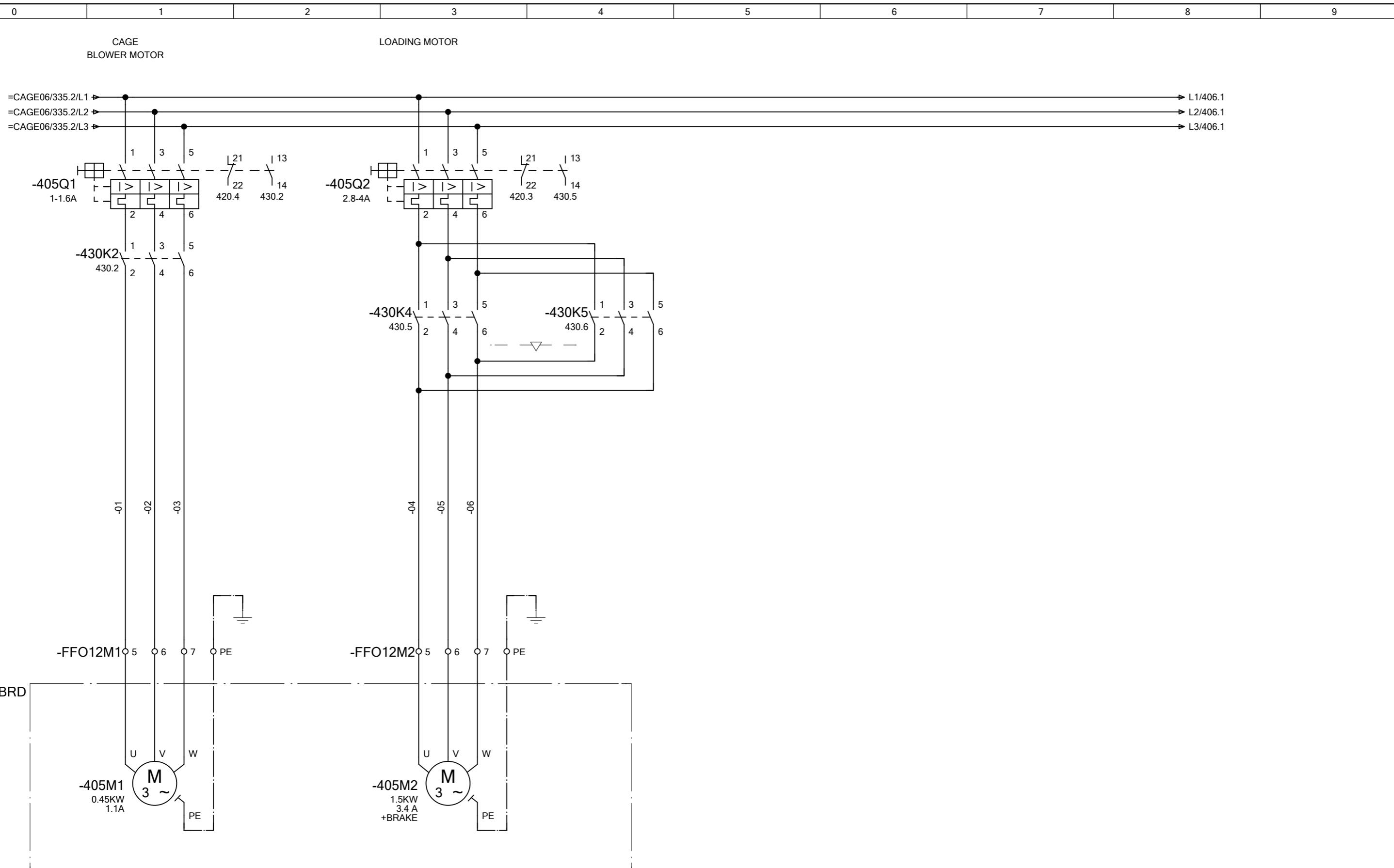
11 - - 9

			Data	23.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS	DW0057070014  C.19068	= CAGE06
			Dis.to	MF					+ LCP1
									FOGLIO 388
Revisione	Data	Nome	NORME	IEC-CEI					Segue 390

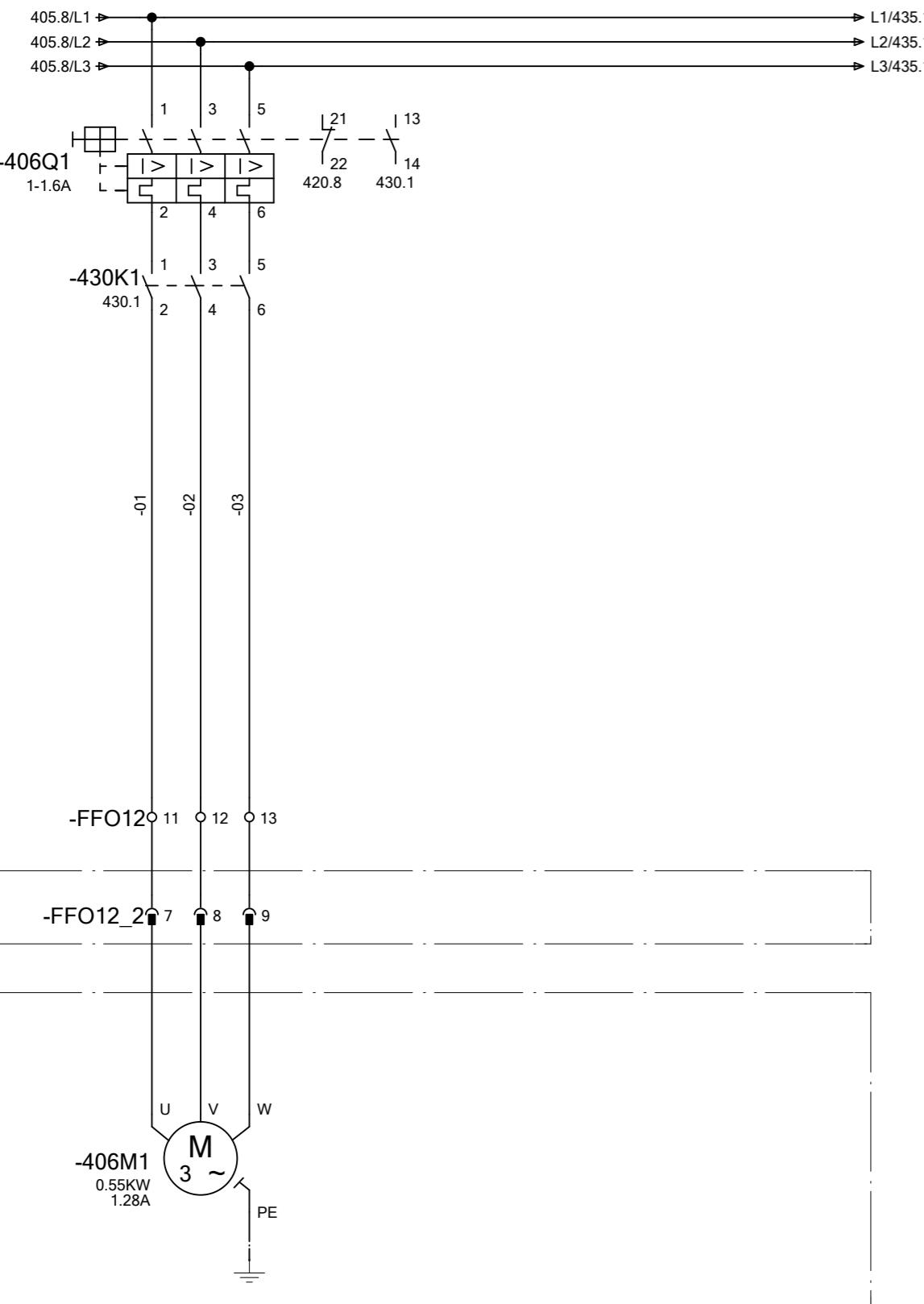


11 - .5

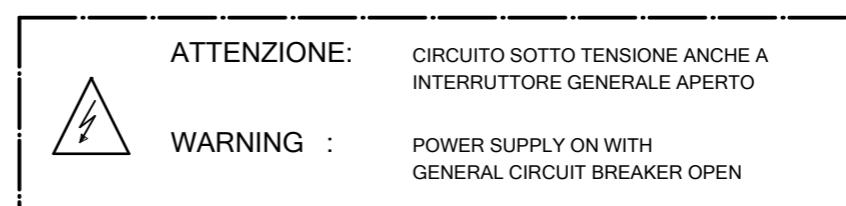
			Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL OUTPUTS	DW0057070014	= CAGE06
			Dis.to	MF	1+6+12+18+24 B/630				+ LCP1
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 390



GUARD MOT. BLOWER

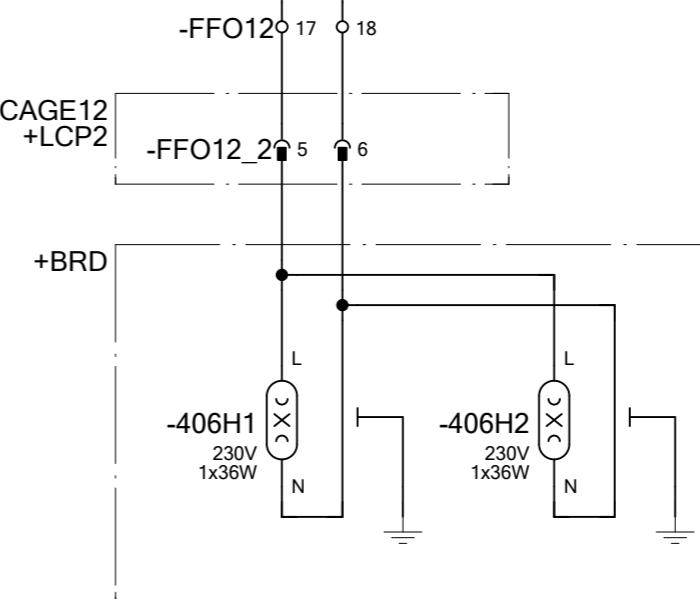


CAGE LIGHTING



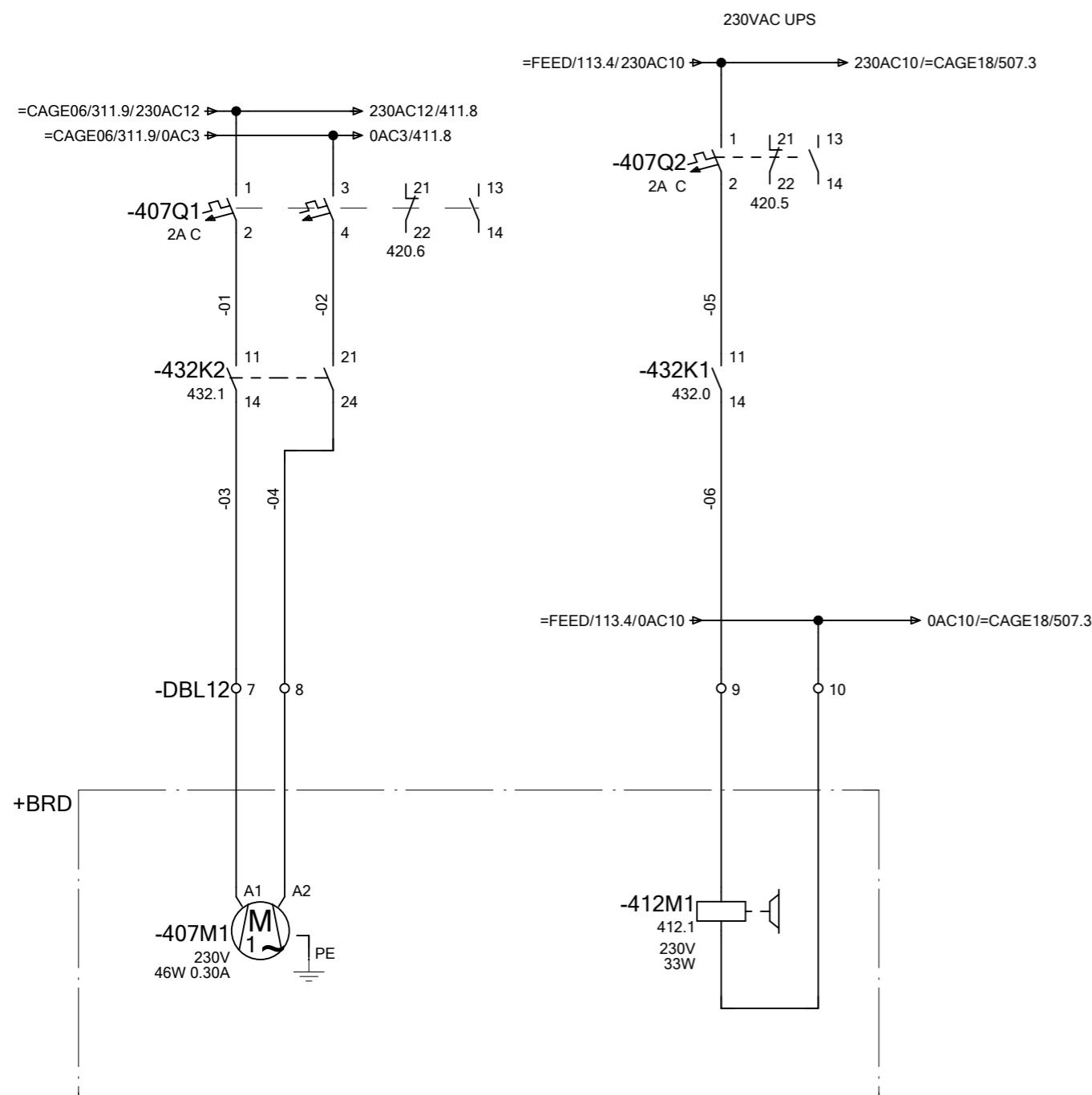
=CAGE06/306 6/10110 ORANGE 10110/=CAGE18/506 6

=CAGE06/306.6/0AC5 ➔      ➔ 0AC5/=CAGE18/506.6

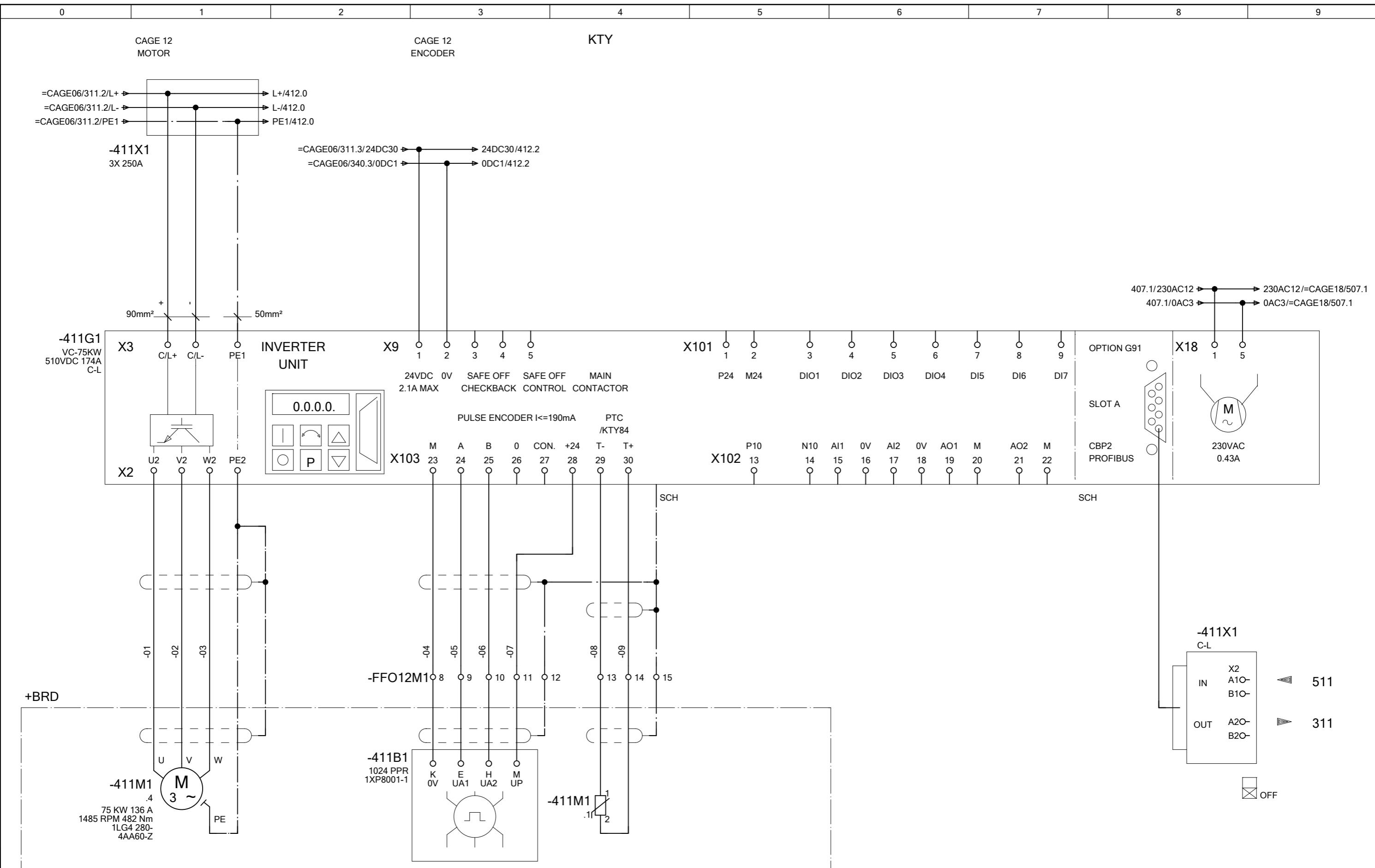


PREFORMING  
BLOWER MOTORPREFORMING MOT.  
ELECTR. BRAKE

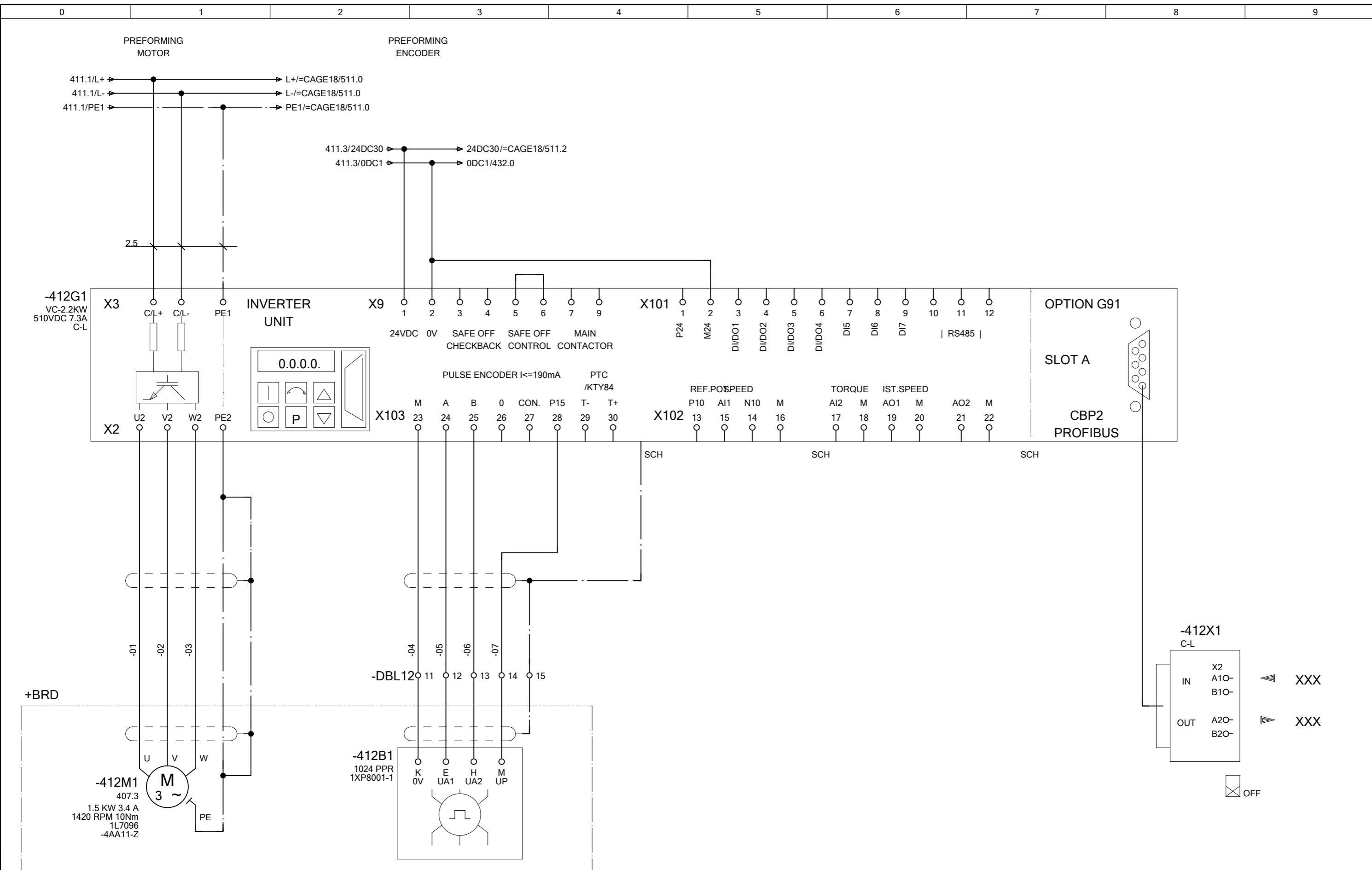
**WARNING :**  
CIRCUIT FEEDING BY UPS

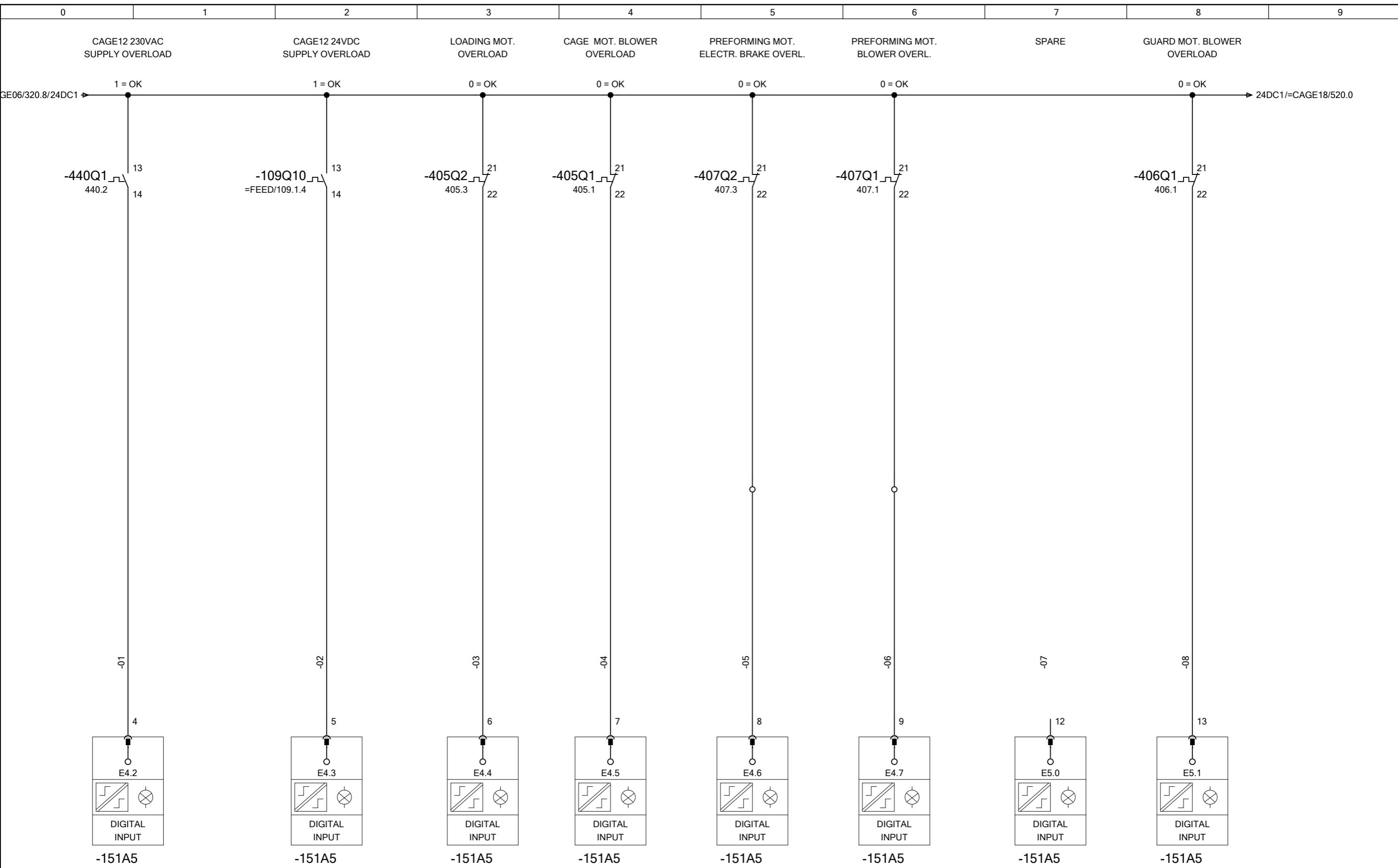


		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AC MOTORS	DW0057070014	= CAGE12
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO
								407
							Segue	411



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	CAGE MOTOR	DW0057070014 C.19068	= CAGE12
			Dis.to	MF					+ MCB1
									FOGLIO 411
Revisione	Data	Nome	NORME	IEC-CEI					Segue 412





			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014  C.19068	= CAGE12
			Dis.to	MF					+ MCB1
									FOGLIO 420
Revisione	Data	Nome	NORME	IEC-CEI					Segue 430

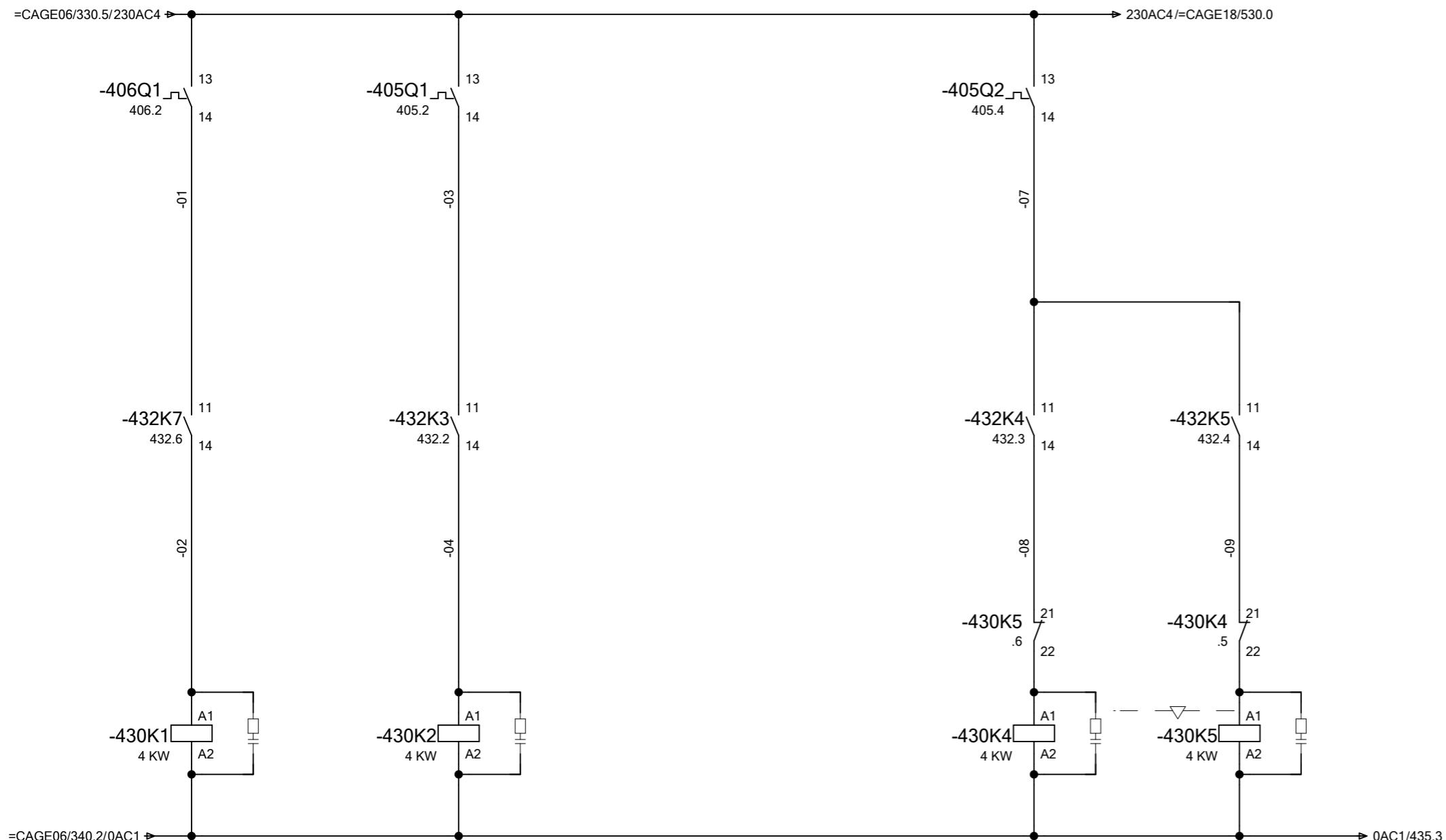
0 1 2 3 4 5 6 7 8 9

GUARD MOT. BLOWER

CAGE MOT. BLOWER

LOADING MOT.  
S ROTAT.

LOADING MOT.  
Z ROTAT.



1 - 406.1  
3 - 406.1  
5 - 406.1

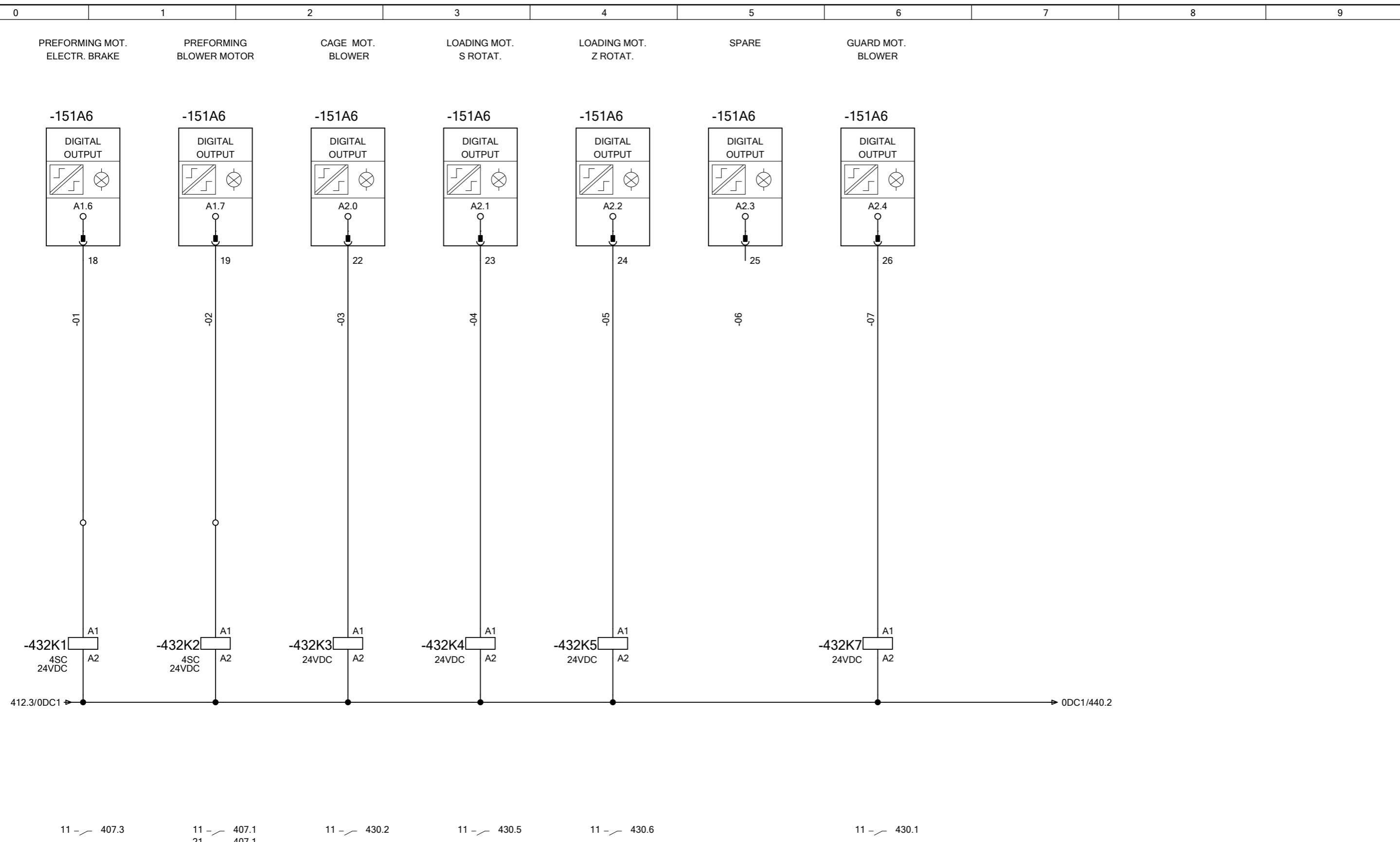
1 - 405.1  
3 - 405.1  
5 - 405.1

1 - 405.3  
3 - 405.3  
5 - 405.3  
21 - .6

1 - 405.4  
3 - 405.4  
5 - 405.4  
21 - .5

		Data	24.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AC MOTOR COMMAND	DW0057070014	= CAGE12
		Dis.to	MF	1+6+12+18+24 B/630	BERGAMO - ITALY -			+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO 430

Segue 432

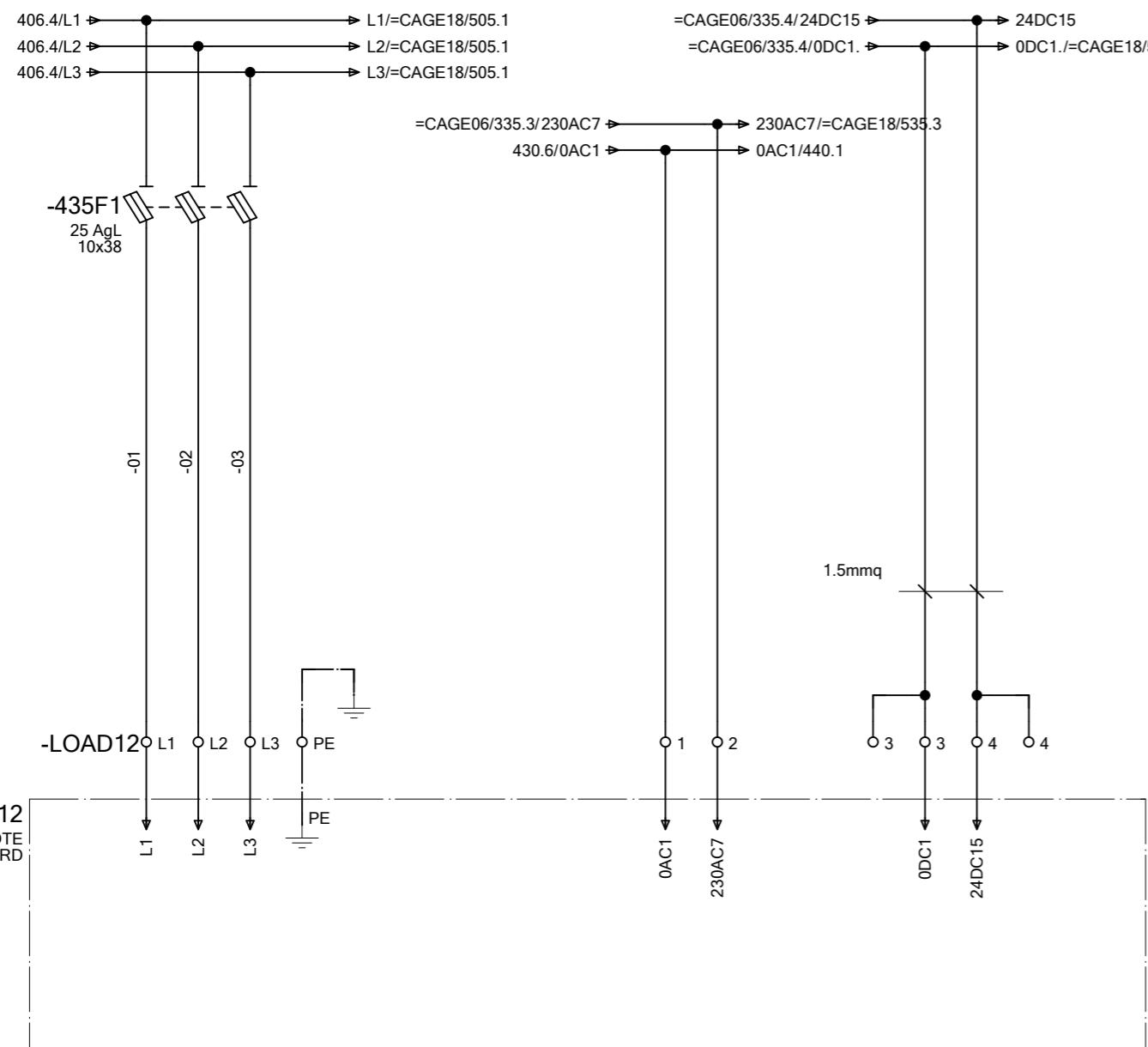


0 1 2 3 4 5 6 7 8 9

LOADER REMOTE CONTROL  
SUPPLY

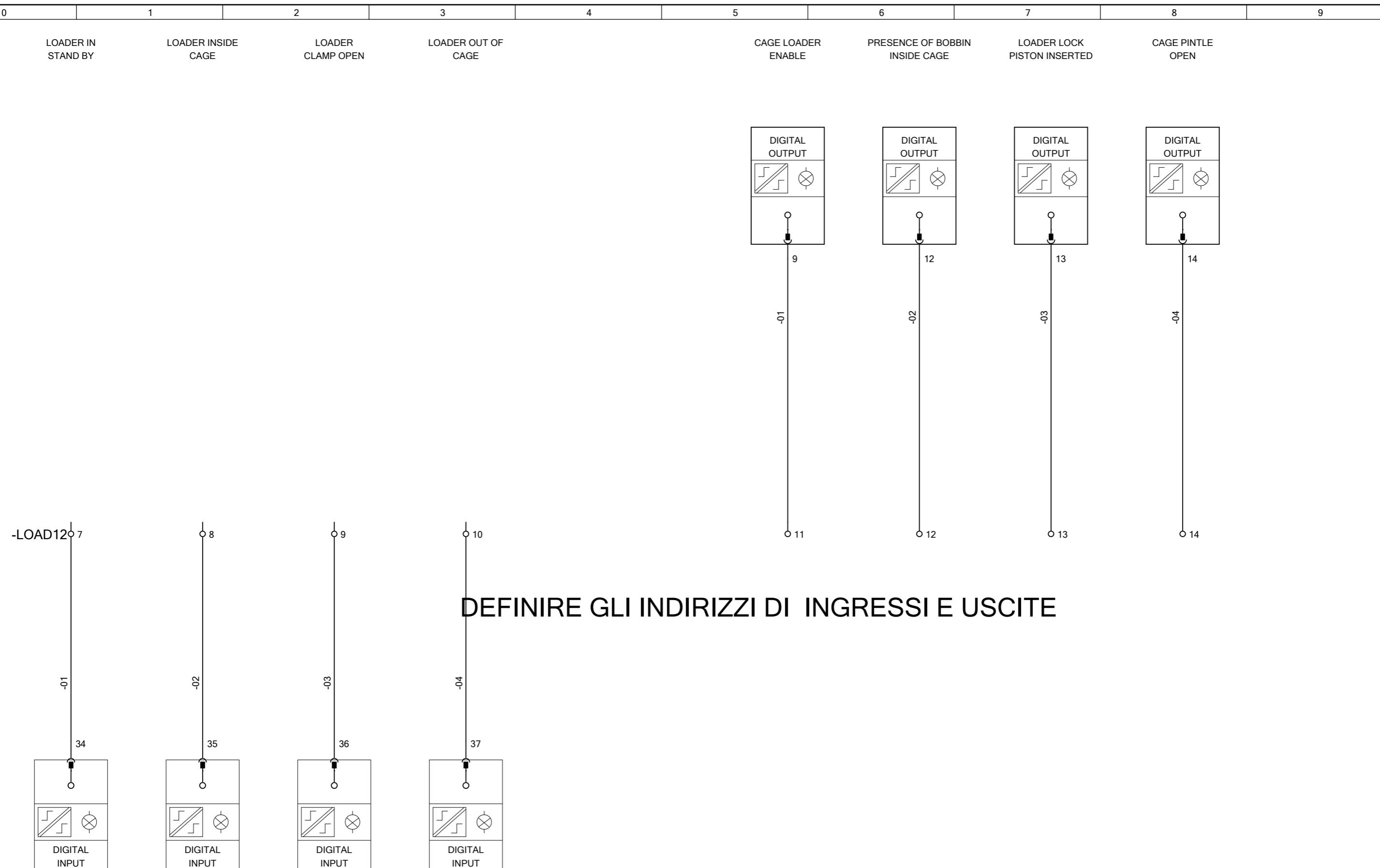
230VAC AUXILIARY

24VDC AUXILIARY



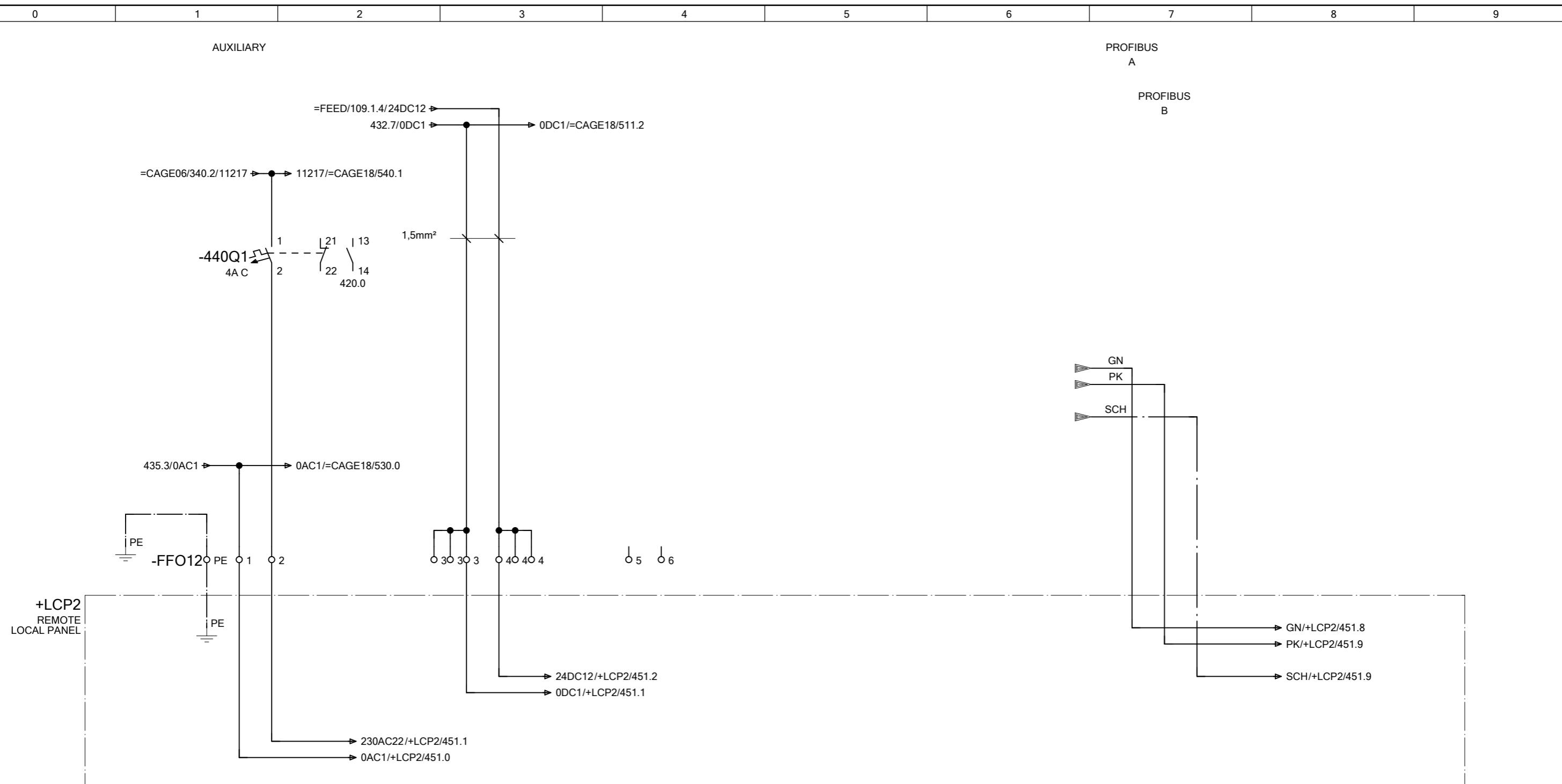
TO SEE DW0060  
SHEET 241

		Data	24.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	LOADER REMOTE CONTROL SUPPLY	DW0057070014	= CAGE12
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI				FOGLIO
							C.19068	435
							Segue	436

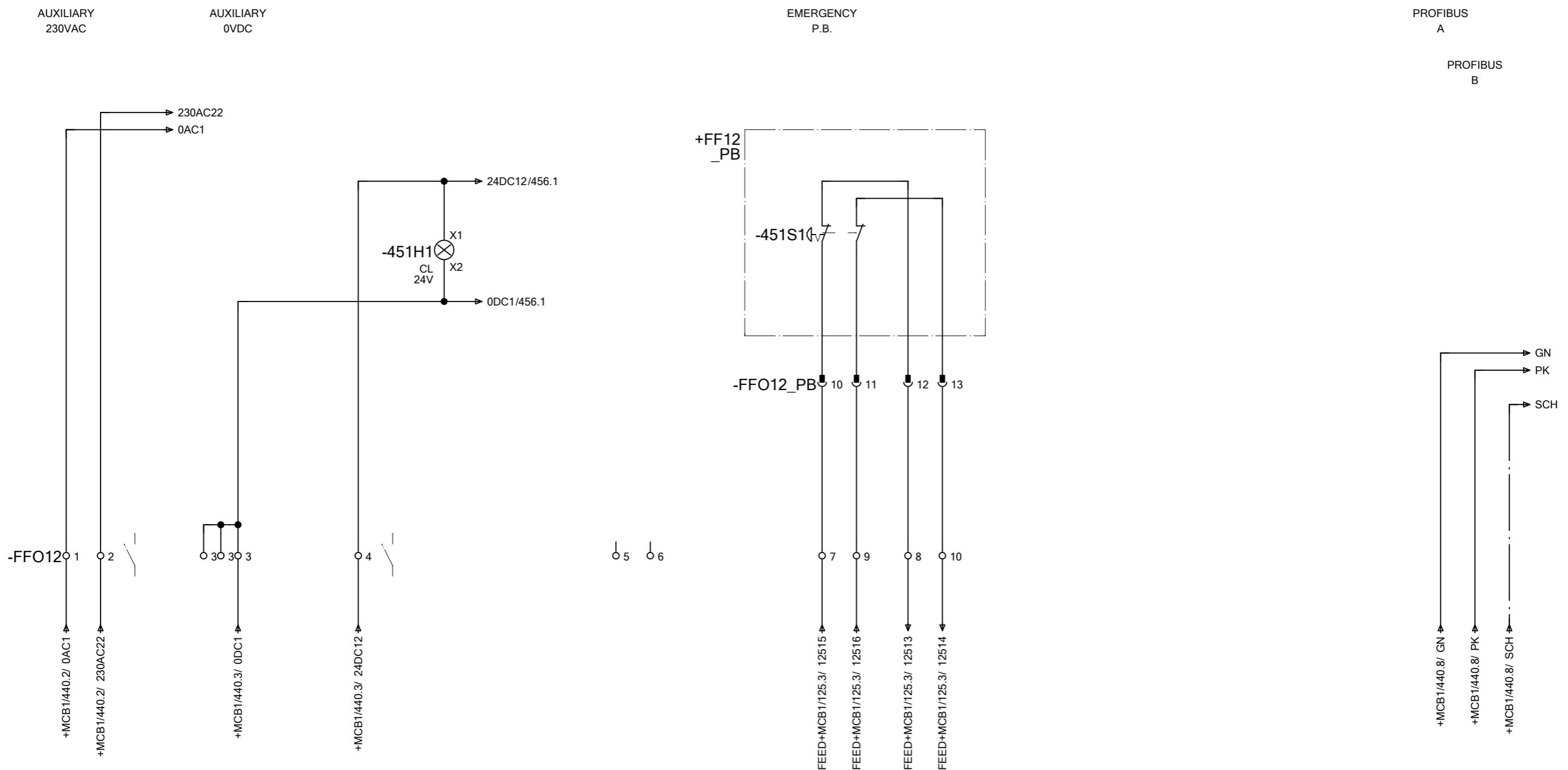


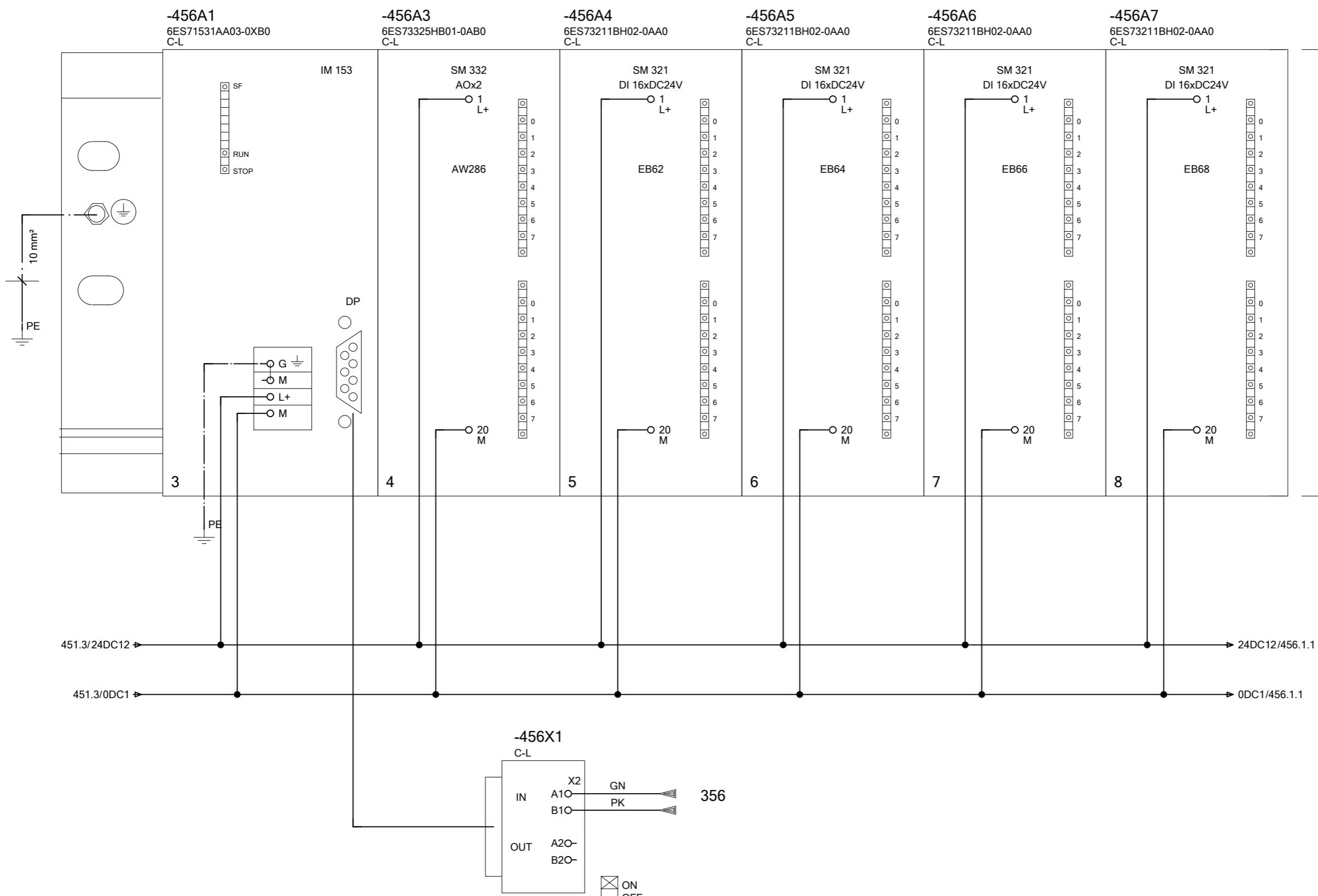
## **DEFINIRE GLI INDIRIZZI DI INGRESSI E USCITE**

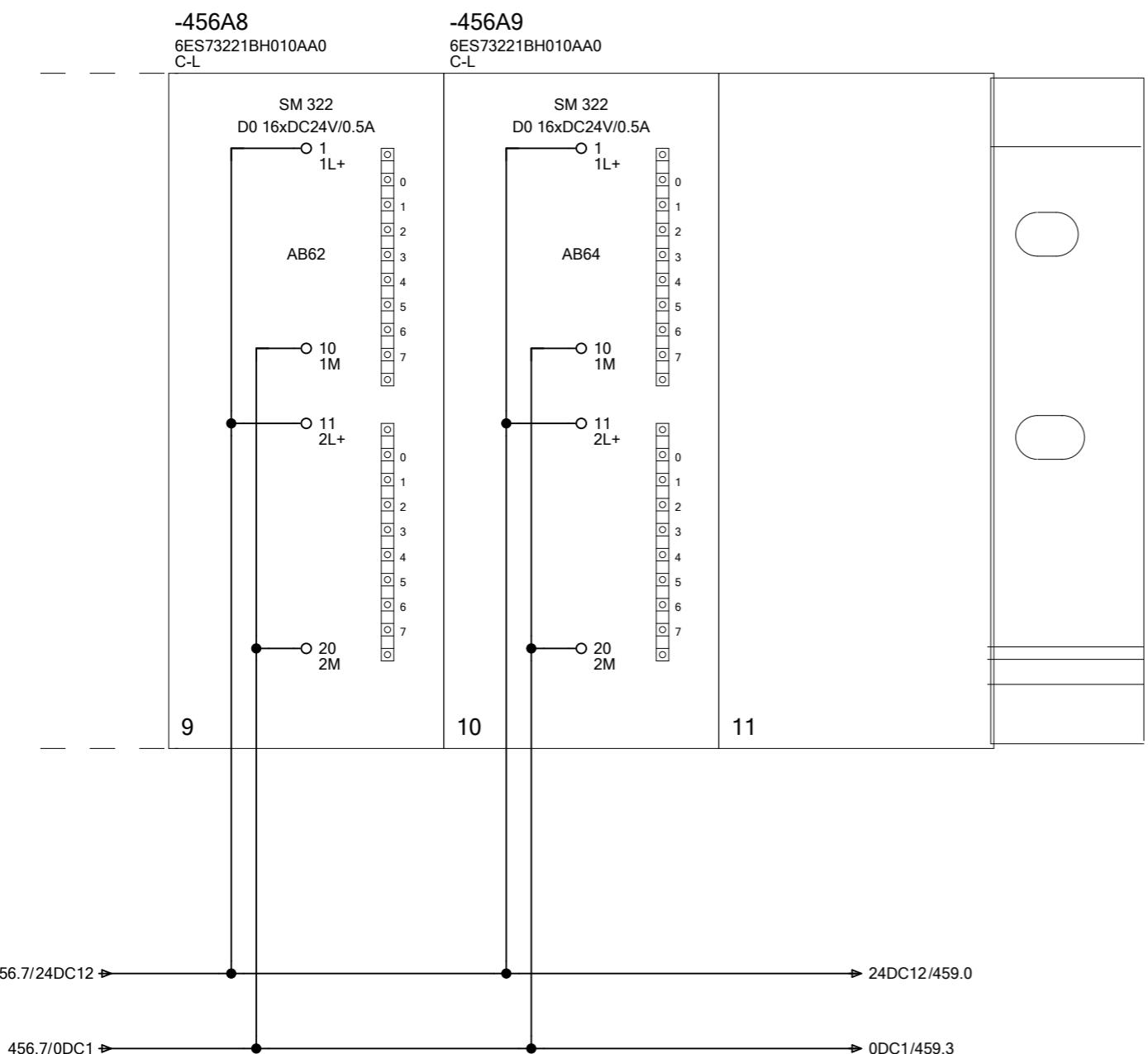
			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	LOADER INTERCONNECTION	DW0057070014  C.19068	= CAGE12
			Dis.to	MF					+ MCB1
									FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					436 Segue 440



		Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	SUPPLY DISTRIBUTION	DW0057070014	= CAGE12
		Dis.to	MF				+ MCB1	
							FOGLIO	440
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	Segue +LCP2/451







0	1	2	3	4	5	6	7	8	9	
-456A3	-456A4	-456A5	-456A6	-456A7	-456A8	-456A9				
/459.1 — 3 O AW286 — 4 O — 5 O — 6 O /459.3 — 7 O AW288 — 8 O — 9 O — 10 O	/461.1 — 2 O E62.0 /461.2 — 3 O .1 /461.3 — 4 O .2 /461.4 — 5 O .3 /461.5 — 6 O .4 /461.6 — 7 O .5 /461.7 — 8 O .6 /461.8 — 9 O .7	/463.1 — 2 O E64.0 /463.2 — 3 O .1 /463.3 — 4 O .2 /463.4 — 5 O .3 /463.5 — 6 O .4 /463.6 — 7 O .5 /463.7 — 8 O .6 /463.8 — 9 O .7	/465.1 — 2 O E66.0 /465.2 — 3 O .1 /465.3 — 4 O .2 /465.4 — 5 O .3 /465.5 — 6 O .4 /465.6 — 7 O .5 /465.7 — 8 O .6 /465.8 — 9 O .7	/467.7 — 2 O E68.0 /467.8 — 3 O .1 /468.2 — 4 O .2 /468.3 — 5 O .3 /468.4 — 6 O .4 /468.5 — 7 O .5 /468.6 — 8 O .6 /468.7 — 9 O .7	/482.0 — 2 O A62.0 /482.1 — 3 O .1 /482.2 — 4 O .2 /483.1 — 5 O .3 /483.2 — 6 O .4 /483.3 — 7 O .5 /483.4 — 8 O .6 /484.0 — 9 O .7	/487.1 — 2 O A64.0 /487.2 — 3 O .1 /487.3 — 4 O .2 /487.4 — 5 O .3 /487.5 — 6 O .4 /488.0 — 7 O .5 /488.1 — 8 O .6 /488.2 — 9 O .7				
	/462.1 — 12 O E63.0 /462.2 — 13 O .1 /462.3 — 14 O .2 /462.5 — 15 O .3 /462.6 — 16 O .4 /462.7 — 17 O .5 /462.8 — 18 O .6 /462.9 — 19 O .7	/464.0 — 12 O E65.0 /464.2 — 13 O .1 /464.2 — 14 O .2 /464.3 — 15 O .3 /464.4 — 16 O .4 /464.5 — 17 O .5 /464.6 — 18 O .6 /464.9 — 19 O .7	/466.1 — 12 O E67.0 /466.2 — 13 O .1 /467.2 — 14 O .2 /467.3 — 15 O .3 /467.4 — 16 O .4 /467.4 — 17 O .5 /467.5 — 18 O .6 /467.6 — 19 O .7	/468.7 — 12 O E69.0 /468.8 — 13 O .1 /475.1 — 14 O .2 /475.2 — 15 O .3 /475.3 — 16 O .4 /475.4 — 17 O .5 /475.5 — 18 O .6 /475.6 — 19 O .7	/484.2 — 12 O A63.0 /484.2 — 13 O .1 /484.3 — 14 O .2 /486.0 — 15 O .3 /486.4 — 16 O .4 /486.5 — 17 O .5 /486.6 — 18 O .6 /486.7 — 19 O .7	/488.3 — 12 O A65.0 /488.4 — 13 O .1 /488.5 — 14 O .2 /488.6 — 15 O .3 /488.7 — 16 O .4 /490.1 — 17 O .5 /490.2 — 18 O .6 /490.3 — 19 O .7				

		Data	24.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	ET200M	DW0057070014	= CAGE12
		Dis.to	MF	1+6+12+18+24 B/630				+ LCP2
Revisione	Data	Nome	NORME	IEC-CEI	BERGAMO - ITALY -		C.19068	FOGLIO

457.1

459



0 1 2 3 4 5 6 7 8 9

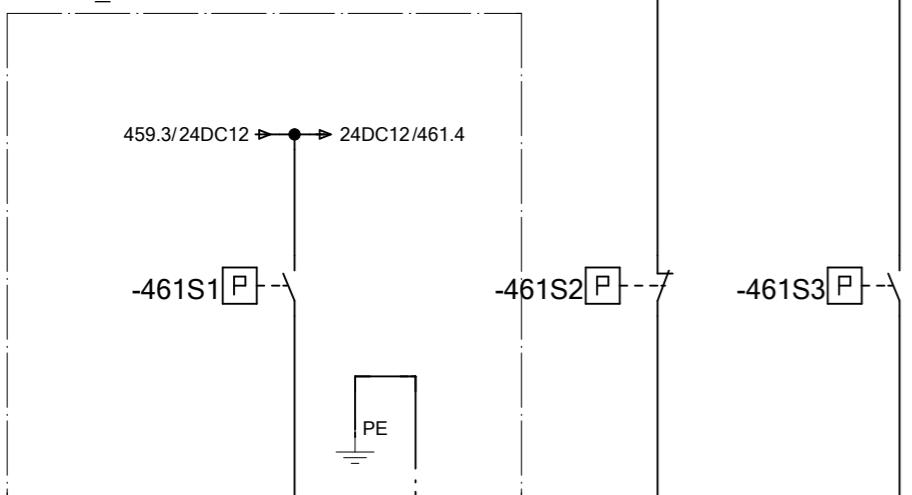
LOADING LINE  
PRESENCE OF AIR      CAGE BRAKE  
OPENED PRESS. SW      MAIN AIR  
PRESS. SW      PISTON  
ENGAGED  
INTO CAGE      PISTON  
DISINGAGED  
OUT OF CAGE      LOADING MOT.  
ENGAGED      LOADING MOT.  
DISINGAGED      AIR PIPE NOT  
IN REST POSITION

1=OK

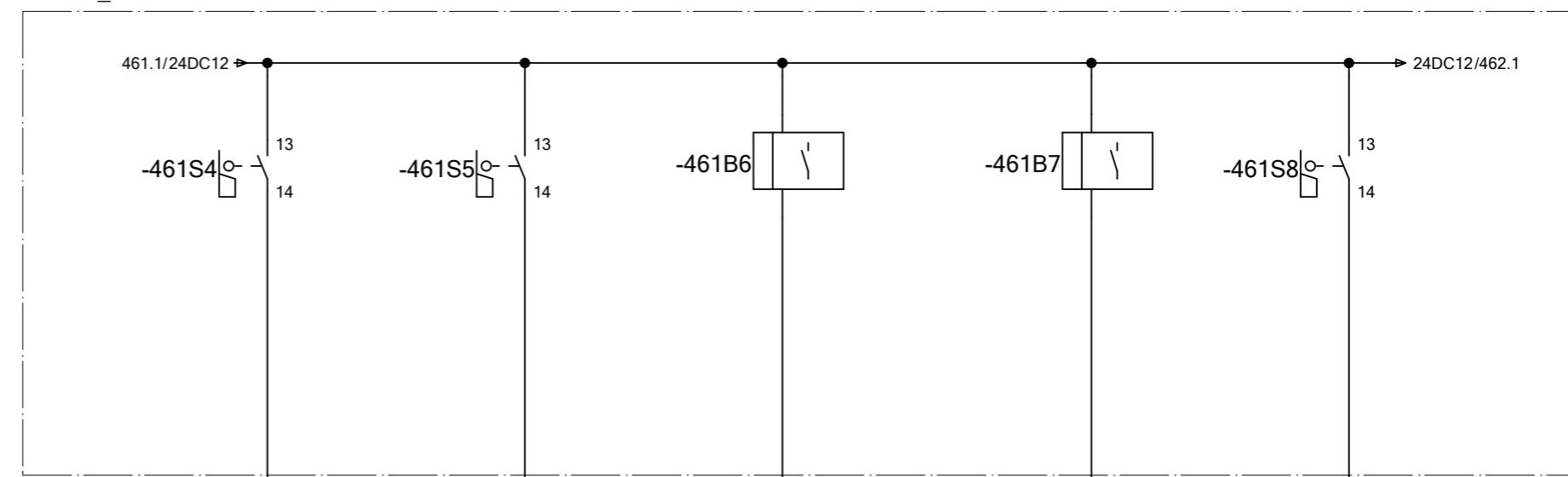
1=OK

459.4/24DC12 ➤      ➤ 24DC12/462.3

+FF12\_1



+FF12\_1

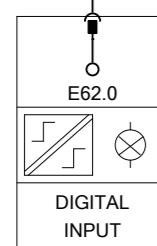


-FFO12\_1 17

PE

01

2



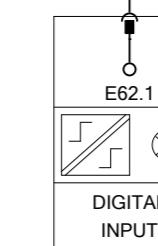
-456A4

17

PE

02

3



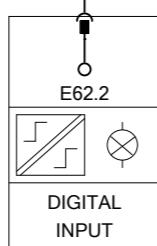
-456A4

17

PE

03

4



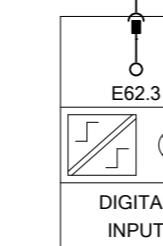
-456A4

17

PE

04

5



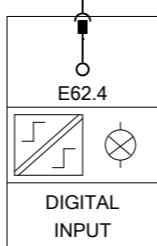
-456A4

17

PE

05

6



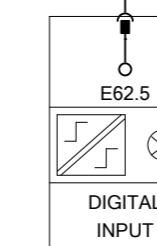
-456A4

17

PE

06

7



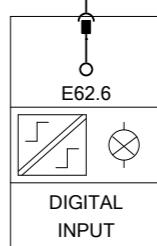
-456A4

17

PE

07

8



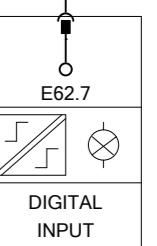
-456A4

17

PE

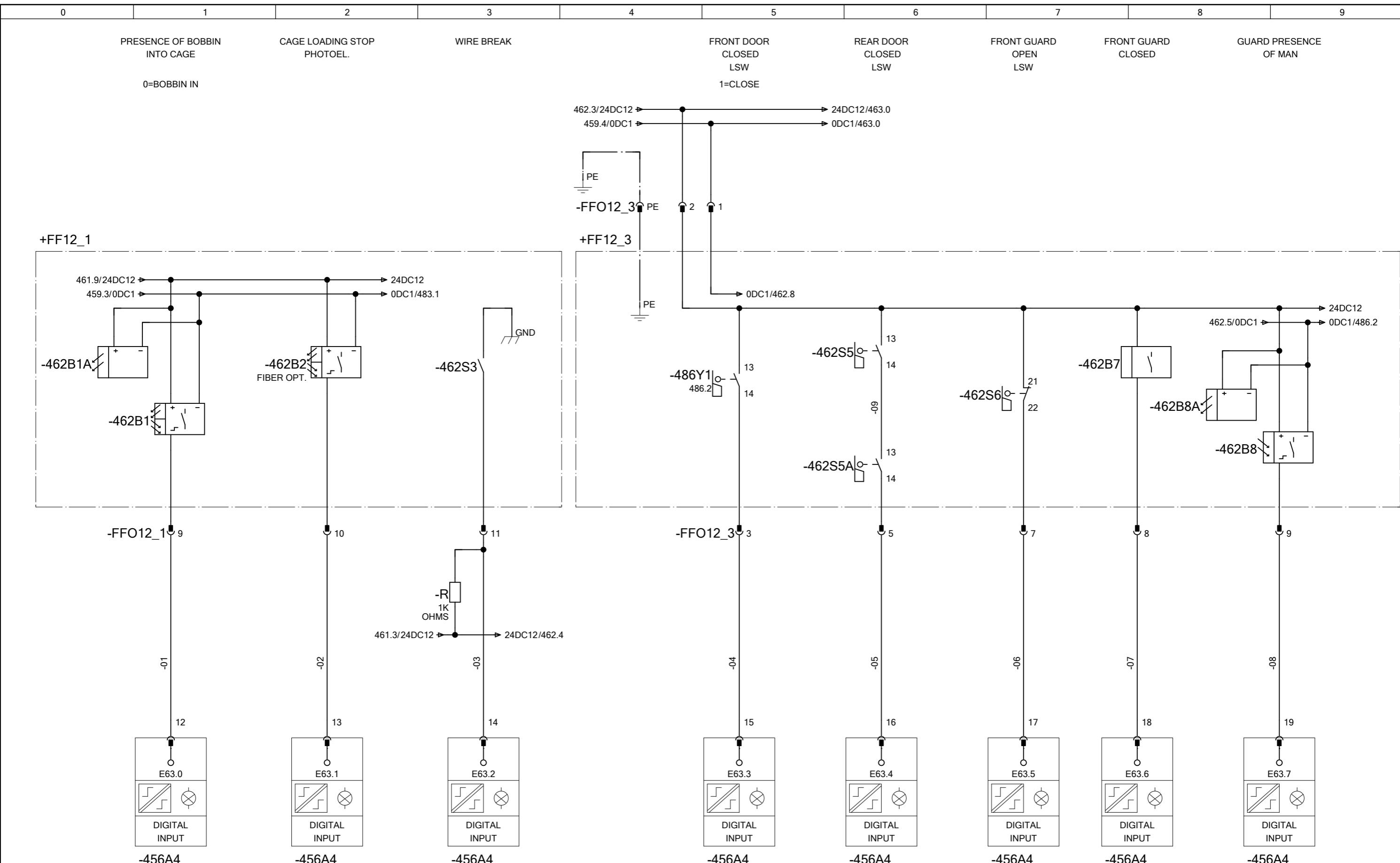
08

9

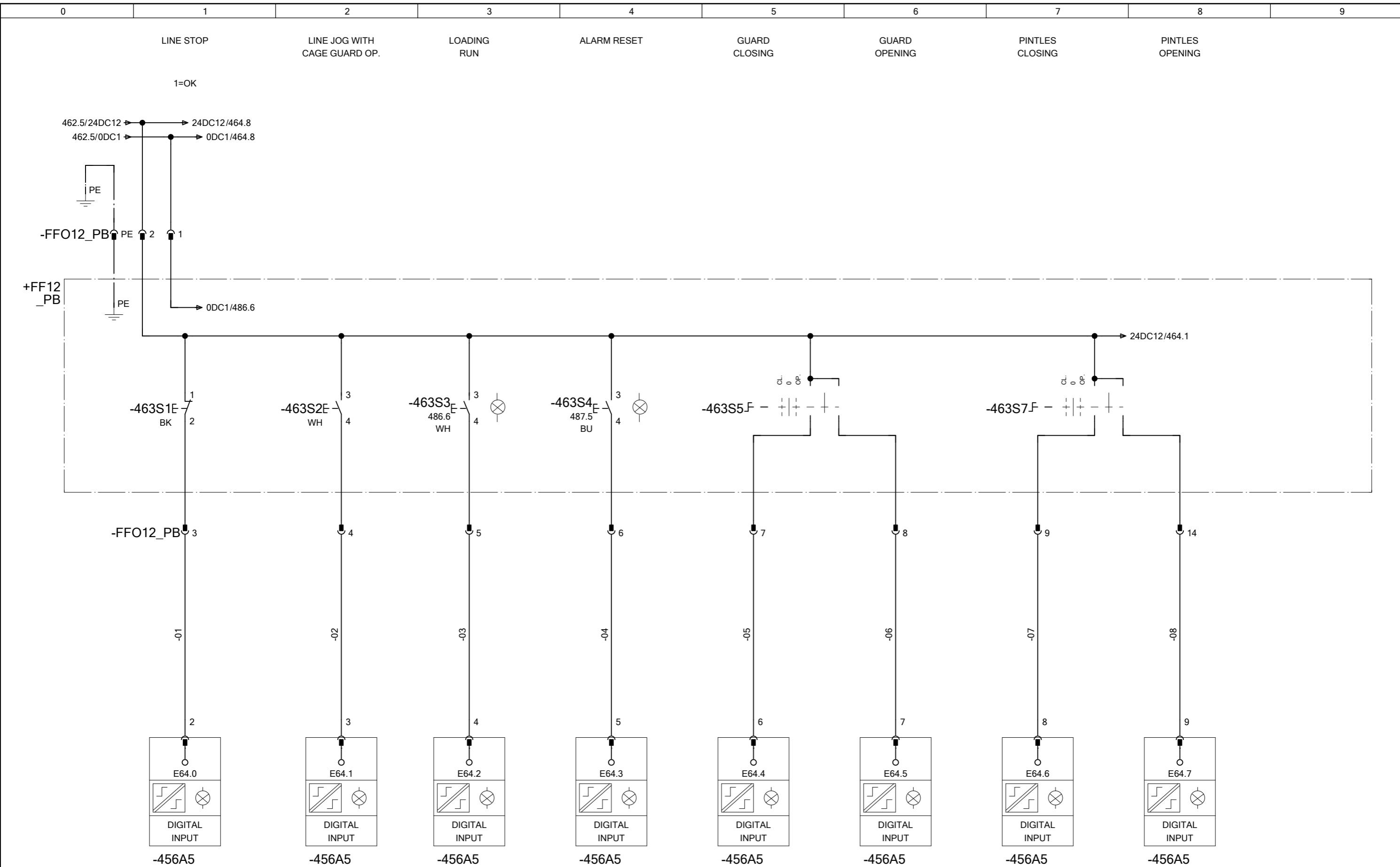


-456A4

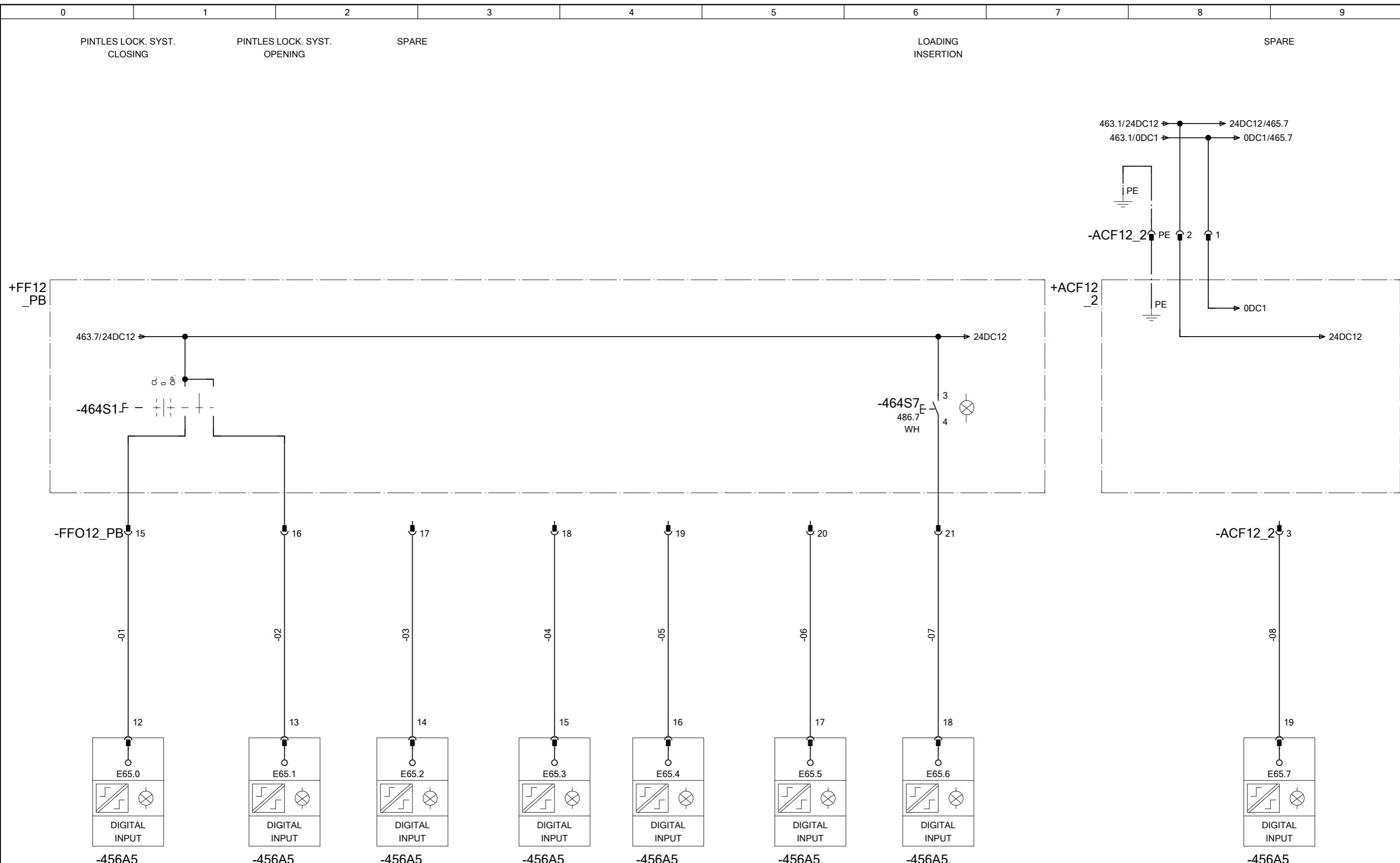
		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIG. INP/OUT DIE STAND	DW0057070014	= CAGE12
		Dis.to	MF	1+6+12+18+24 B/630				+ LCP2
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO
								Segue



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE12
			Dis.to	MF					+ LCP2
									FOGLIO 462
Revisione	Data	Nome	NORME	IEC-CEI					Segue 463



		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL INPUTS	DW0057070014	= CAGE12
		Dis.to	MF	1+6+12+18+24 B/630				+ LCP2
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO
								Segue

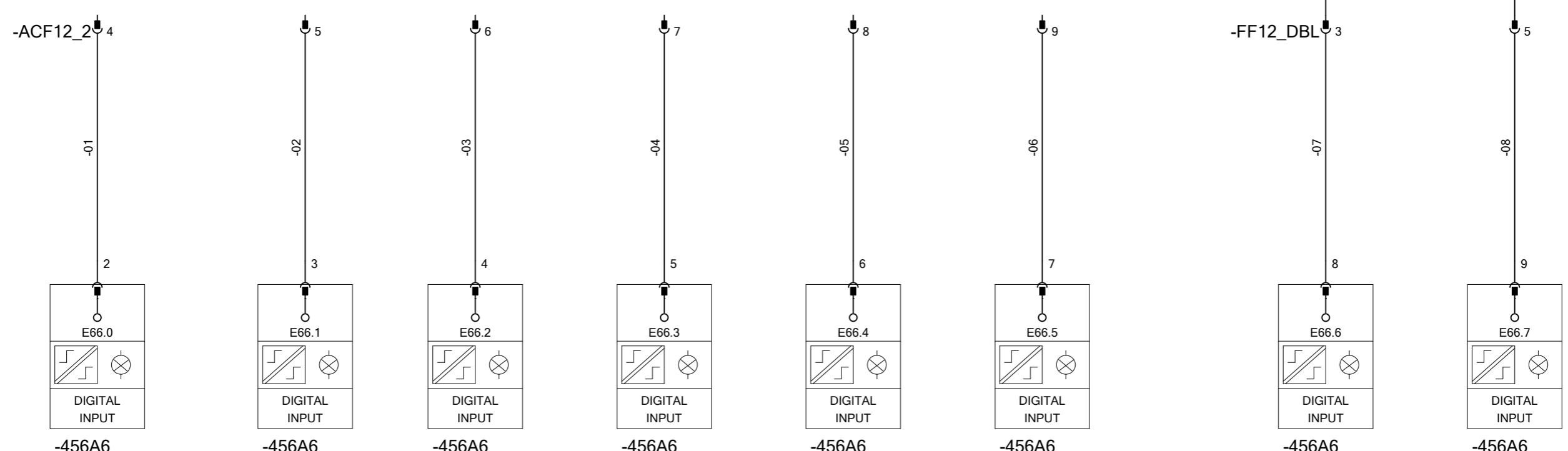
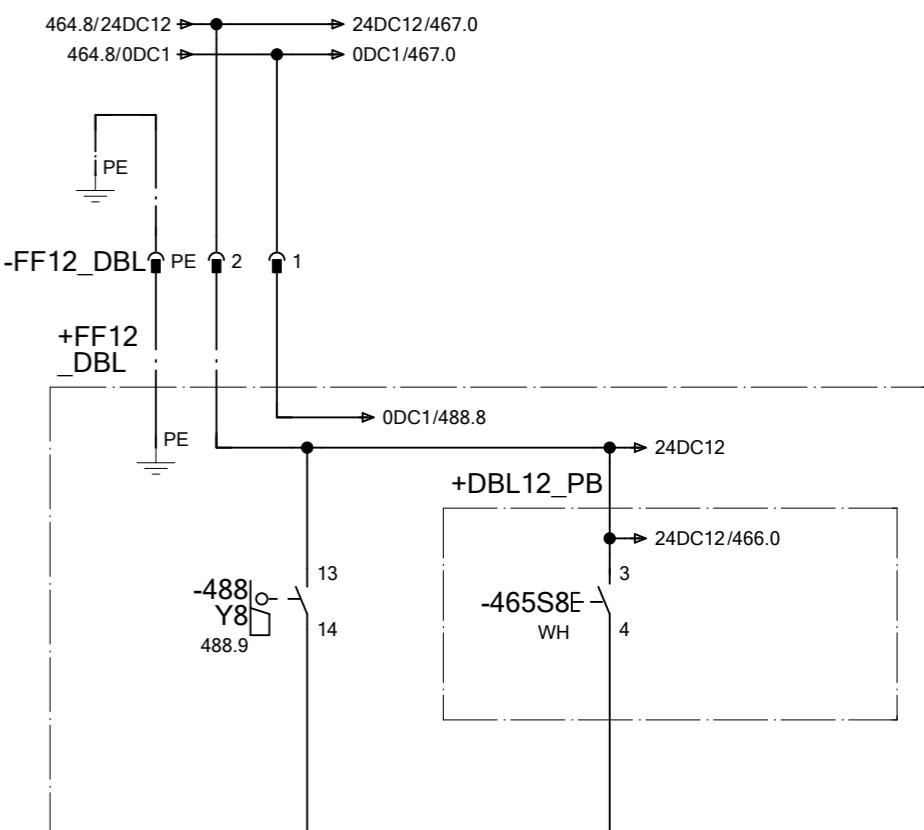


			Data	23.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE12
			Dis.to	MF					+ LCP2
									FOGLIO 464
Revisione	Data	Nome	NORME	IEC-CEI					Segue 465

0	1	2	3	4	5	6	7	8	9
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PREFORMING  
GUARD CLOSED  
LSW

PREFORMING  
BRAKE RELEASE



			Data	23.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE12
			Dis.to	MF					+ LCP2
Revisione	Data	Nome	NORME	IEC-CEI					FOGLIO
									Segue

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

PREFORMING  
LINE STOP

PREFORMING  
LINE JOG

+DBL12\_PB

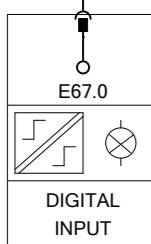
465.8/24DC12 → 24DC12

-466S1E  
BK 1  
2 -466S2E  
WH 3  
4

-FF12\_DBL 6

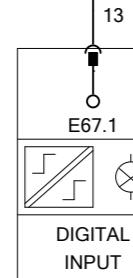
01

12



-456A6

02



-456A6

RIGID STRANDING COMM. 19068  
1+6+12+18+24 B/630

CORTINOVIS S.p.A.  
BERGAMO - ITALY -

DIGITAL INPUTS

DW0057070014

= CAGE12  
+ LCP2

466

C.19068

FOGLIO

467

Revisione	Data	Nome	NORME	IEC-CEI				
			Dis.to	MF				

0 1 2 3 4 5 6 7 8 9

BOBBIN 1  
BREAK OF WIRE  
AND DIAMETER CALCUL.

BOBBIN 2  
BREAK OF WIRE

BOBBIN 3  
BREAK OF WIRE

BOBBIN 4  
BREAK OF WIRE

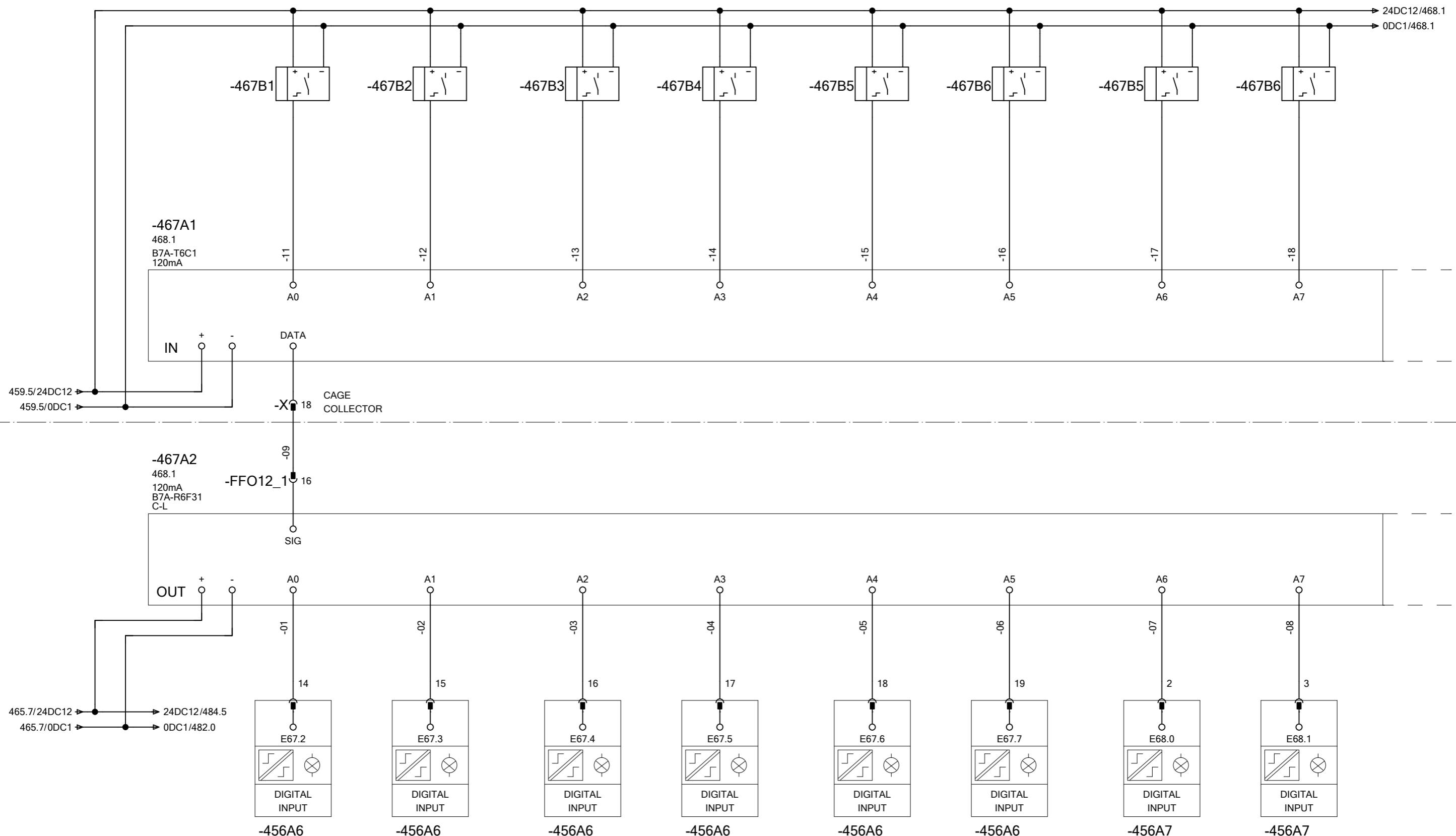
BOBBIN 5  
BREAK OF WIRE

BOBBIN 6  
BREAK OF WIRE

BOBBIN 7  
BREAK OF WIRE

BOBBIN 8  
BREAK OF WIRE

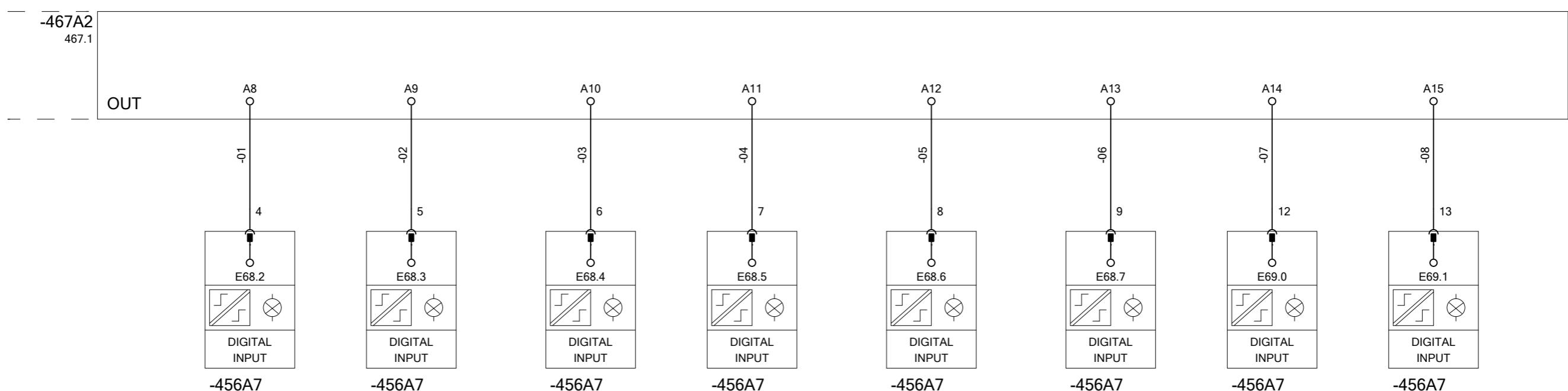
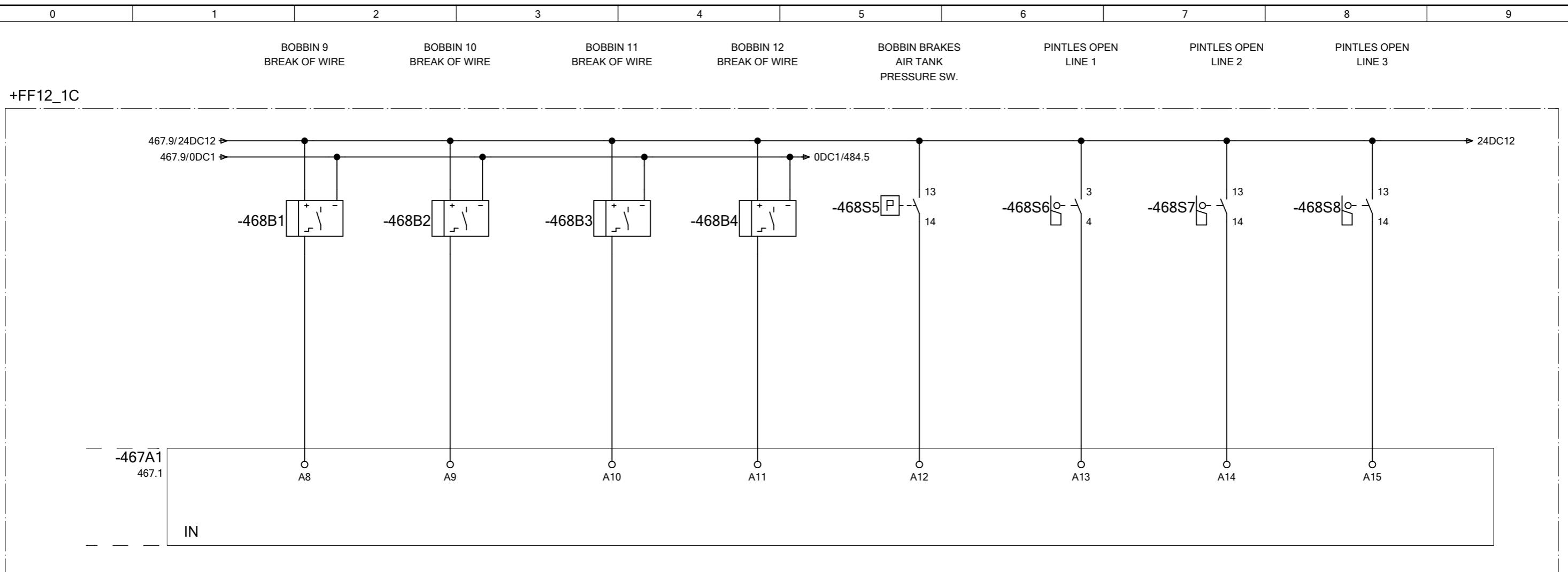
+FF12\_1C



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE12
			Dis.to	MF					+ LCP2
Revisione	Data	Nome	NORME	IEC-CEI					FOGLIO
									467

Segue

468



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014	= CAGE12 + LCP2	
			Dis.to	MF				C.19068	FOGLIO	468
Revisione	Data	Nome	NORME	IEC-CEI					Segue	475

0	1	2	3	4	5	6	7	8	9
SPARE	SPARE	SPARE	SPARE	SPARE	SPARE				

The diagram illustrates six digital input modules, labeled E69.2 through E69.7, each consisting of two stacked sections. The top section contains a small square icon with diagonal lines and a circle with a cross, while the bottom section is labeled "DIGITAL INPUT". These modules are connected to a horizontal bus bar with pins numbered 14 through 19. Pin 14 connects to E69.2, pin 15 to E69.3, pin 16 to E69.4, pin 17 to E69.5, pin 18 to E69.6, and pin 19 to E69.7. The modules are arranged horizontally, with their labels positioned directly beneath them.

		Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014	= CAGE12	
		Dis.to	MF				+ LCP2		
							FOGLIO	475	
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	Segue	482

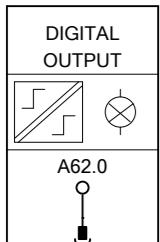
0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

LOADING MOT.  
ENGAGING

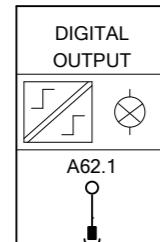
LOADING MOT.  
DISINAGING

CAGE  
STATIONARY BRAKE

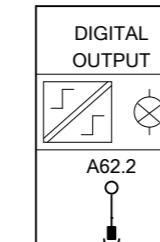
-456A8



-456A8



-456A8



2

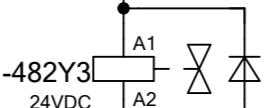
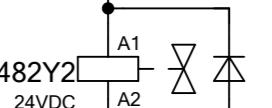
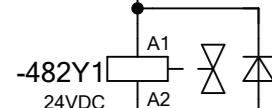
3

4

01

02

03

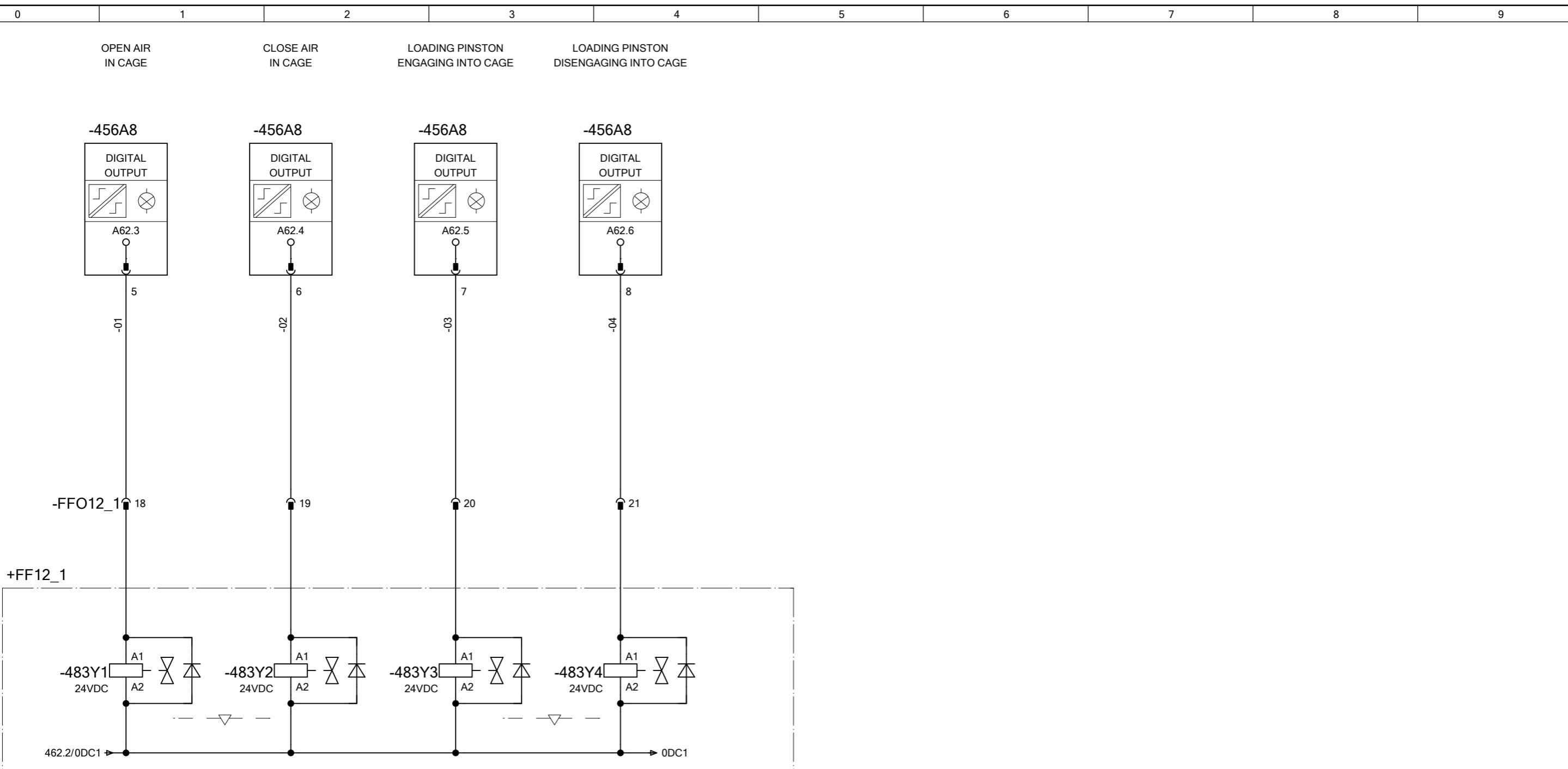


467.1/0DC1 → 0DC1/484.0

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL OUTPUTS	DW0057070014	= CAGE12
			Dis.to	MF	1+6+12+18+24 B/630				+ LCP2
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 482

Segue

483



0 1 2 3 4 5 6 7 8 9

PINTLES  
LOCKING  
SYST.  
OPENING

PINTLES  
LOCKING  
SYST.  
CLOSING

PINTLES  
OPENING

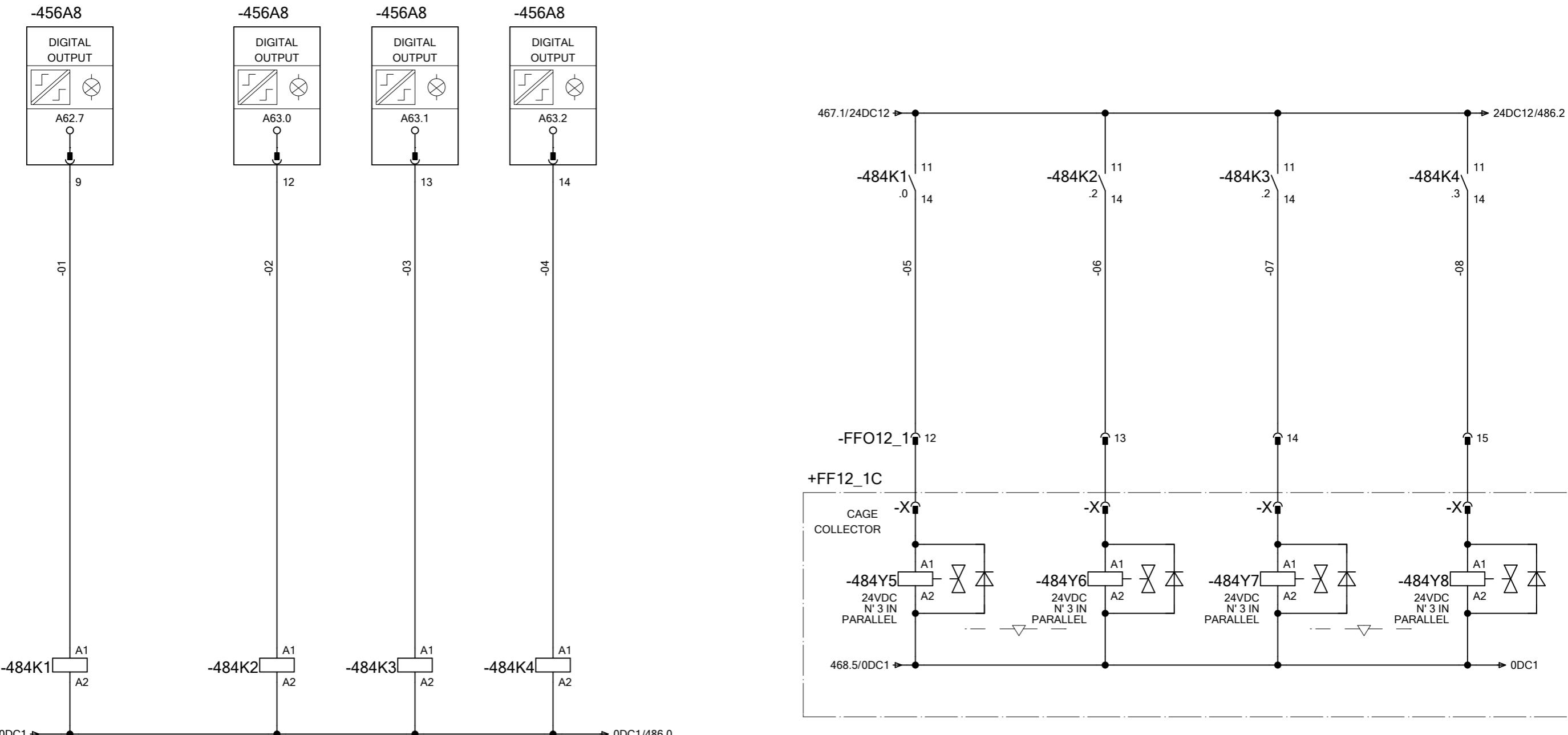
PINTLES  
CLOSING

PINTLES  
LOCKING  
SYST.  
OPENING

PINTLES  
LOCKING  
SYST.  
CLOSING

PINTLES  
OPENING

PINTLES  
CLOSING



11 - .5

11 - .6

11 - .7

11 - .8

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS	DW0057070014	= CAGE12
			Dis.to	MF					+ LCP2
Revisione	Data	Nome	NORME	IEC-CEI				C.19068	FOGLIO
									Segue

0 1 2 3 4 5 6 7 8 9

FRONT DOOR  
LOCKING

FRONT DOOR  
LOCKING

GUARD  
OPENING

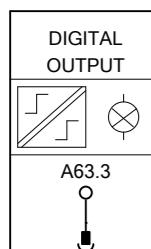
GUARD  
CLOSINING

LOADING RUN

LOADING  
INSERTION

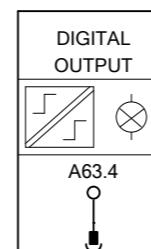
0=CLOSE

-456A8

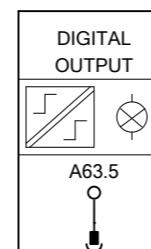


484.9/24DC12 → 24DC12/488.8

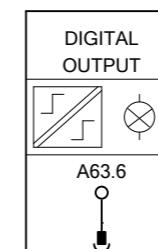
-456A8



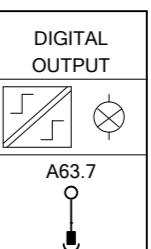
-456A8



-456A8



-456A8



15

11

14

16

17

18

19

-01

-06

-03

-04

-05

-FFO12\_3

+FF12\_3

-FFO12\_PB

+FF12\_PB

484.3/0DC1 →

462.9/0DC1 → 0DC1

463.1/0DC1 → 0DC1/487.0

11 - .2

Data 22.Mar.2007  
Dis.to MF  
RIGID STRANDING COMM. 19068  
1+6+12+18+24 B/630

CORTINOVIS S.p.A.  
BERGAMO - ITALY -

DIGITAL OUTPUTS

DW0057070014  
C.19068

= CAGE12

+ LCP2

486

FOGLIO

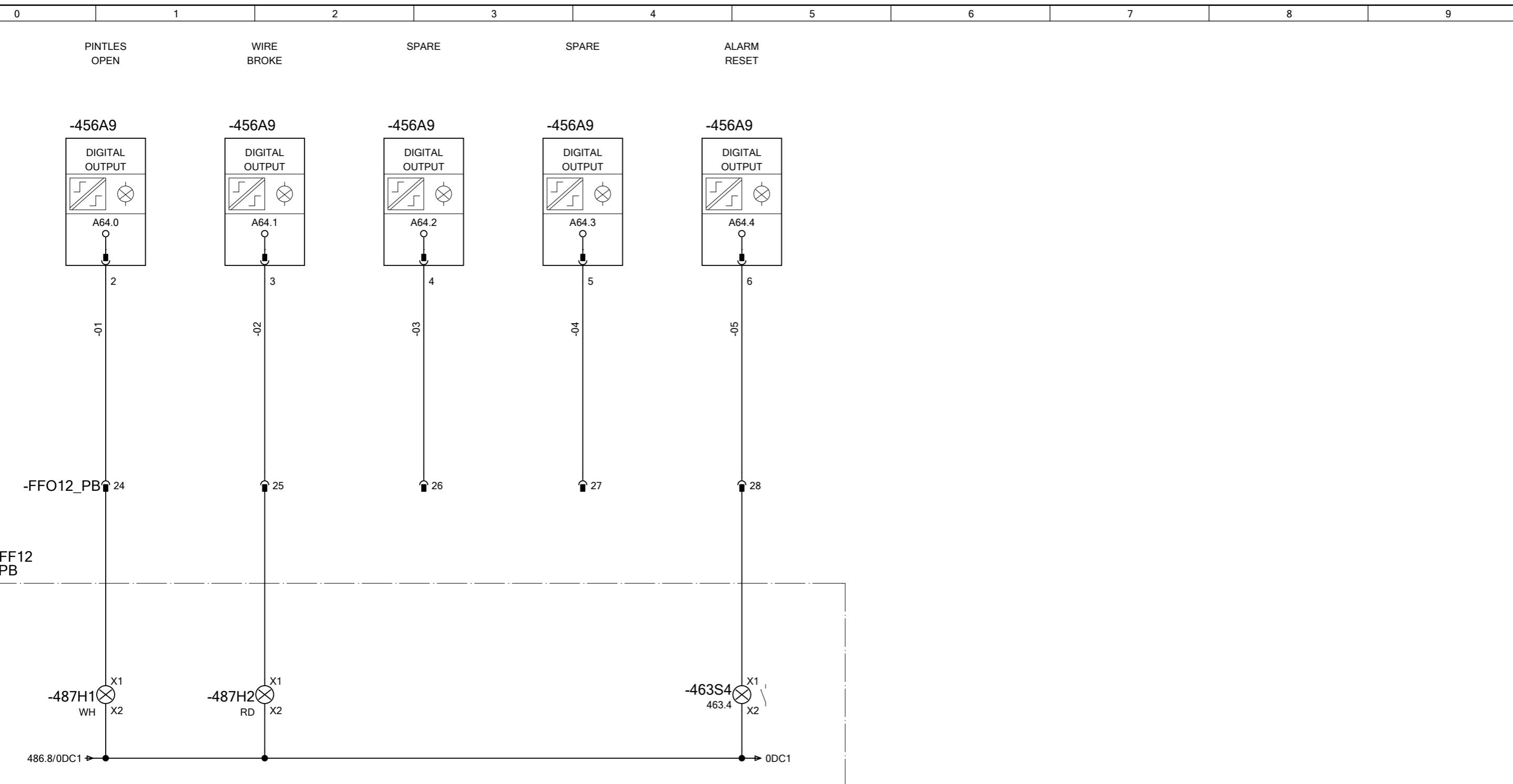
487

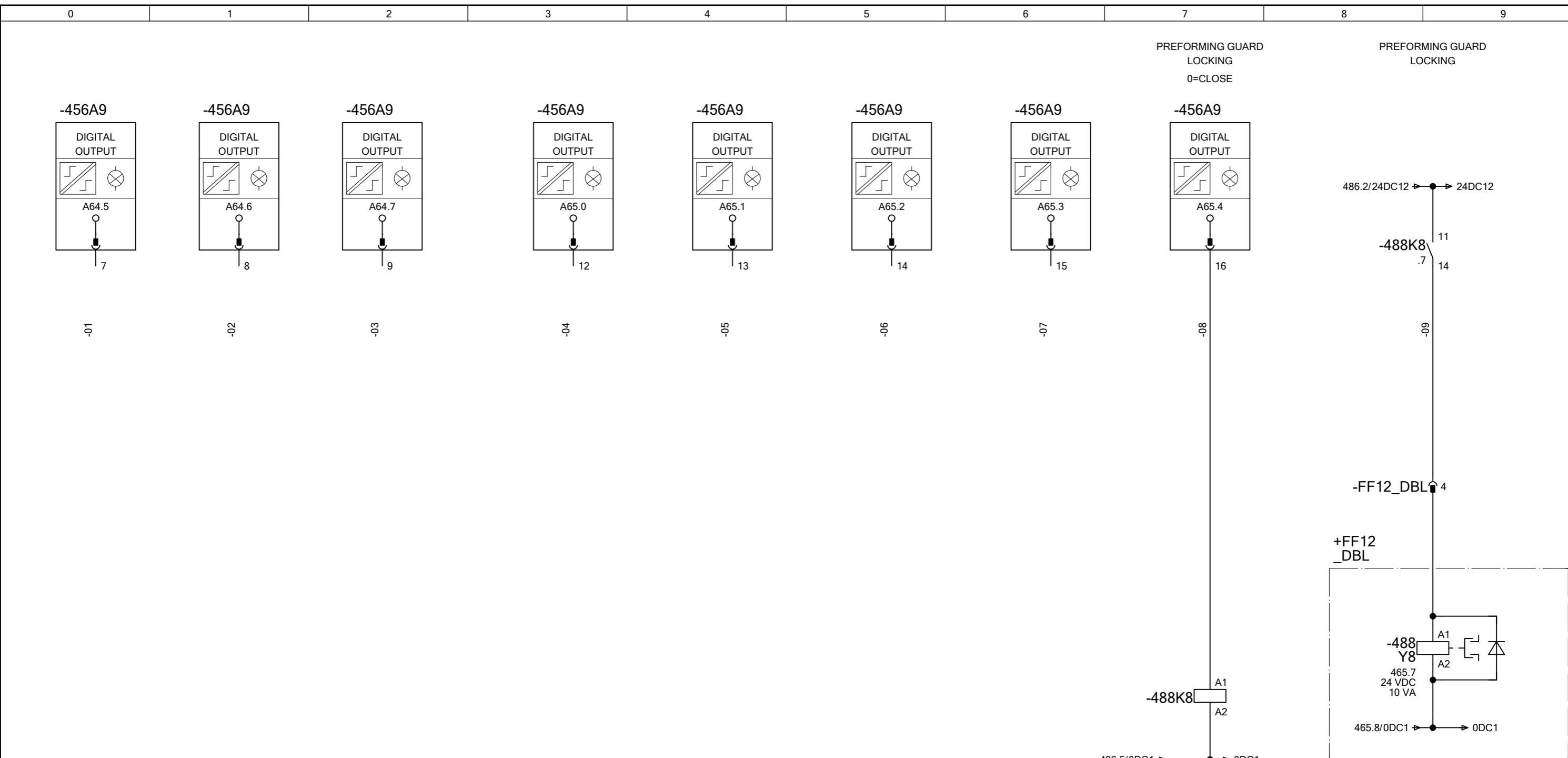
Revisione

Data

Nome NORME

IEC-CEI





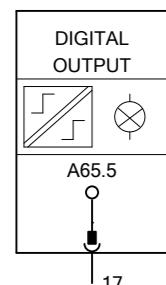
11 -    .9

SPARE

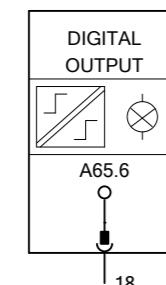
SPARE

SPARE

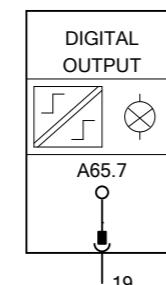
-456A9



-456A9



-456A9



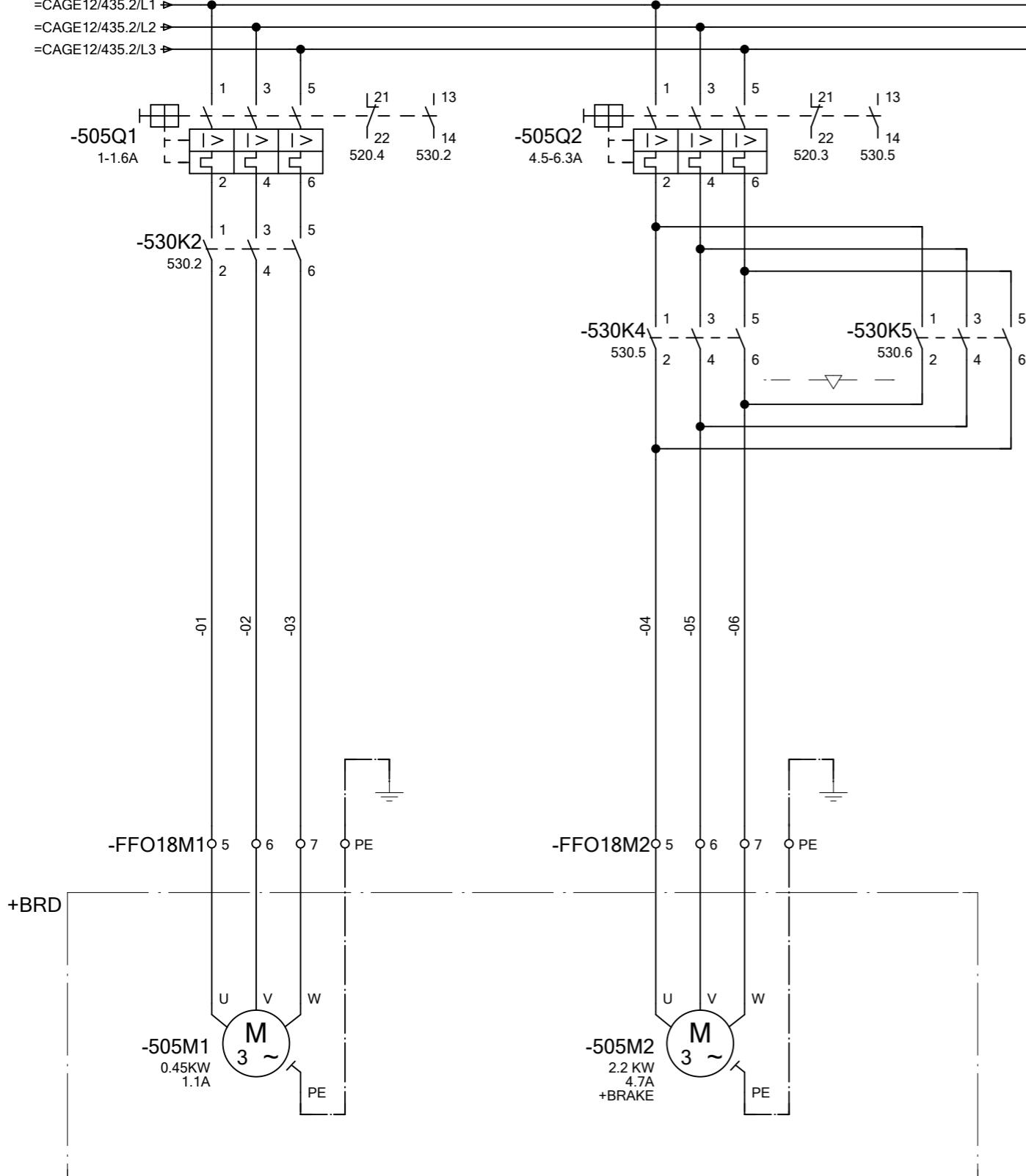
			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS	DW0057070014	= CAGE12
			Dis.to	MF					+ LCP2
								C.19068	FOGLIO 490
Revisione	Data	Nome	NORME	IEC-CEI					Segue =CAGE18+MCB1/505

0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

CAGE  
BLOWER MOTOR

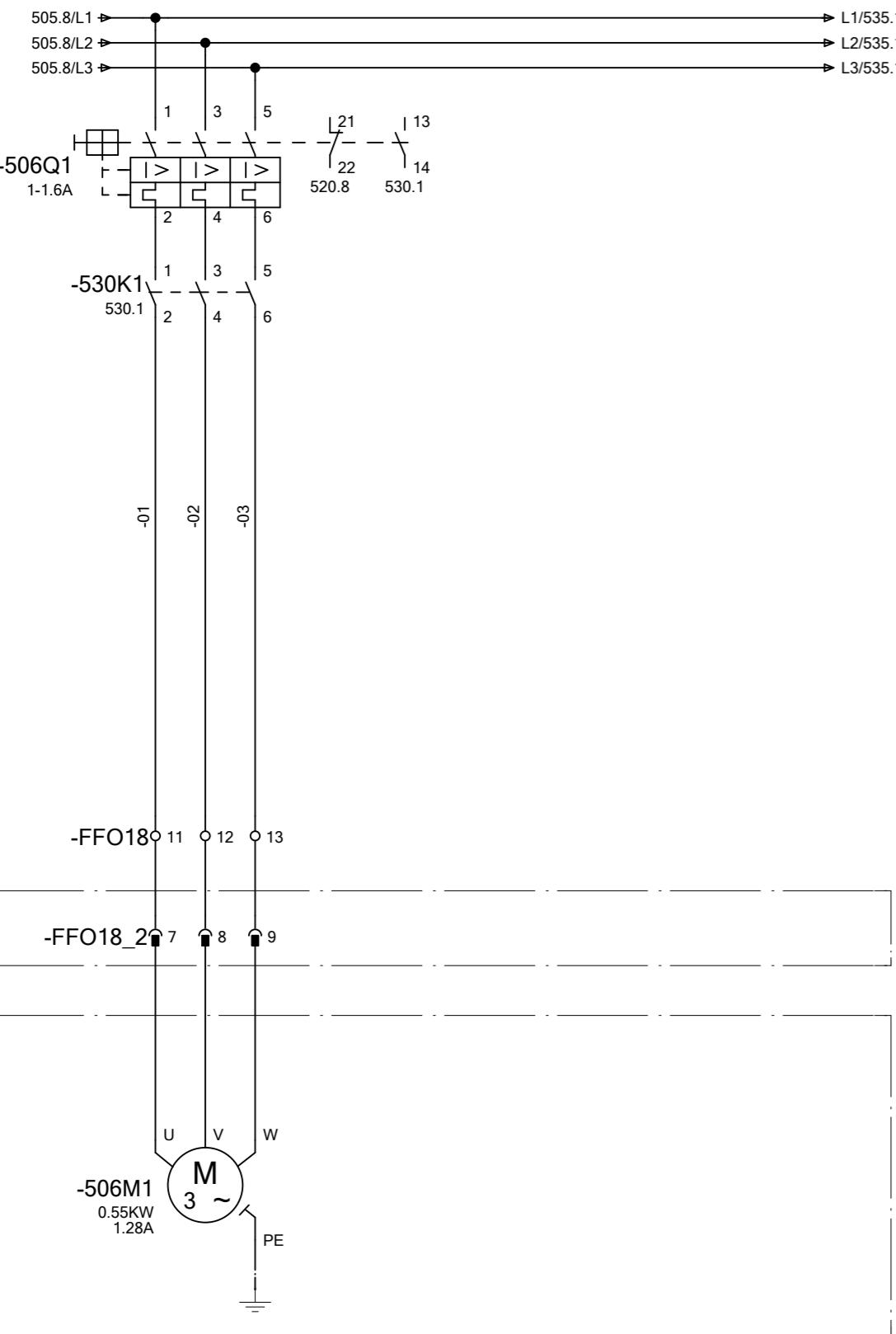
LOADING MOTOR

=CAGE12/435.2/L1 → L1/506.1  
 =CAGE12/435.2/L2 → L2/506.1  
 =CAGE12/435.2/L3 → L3/506.1

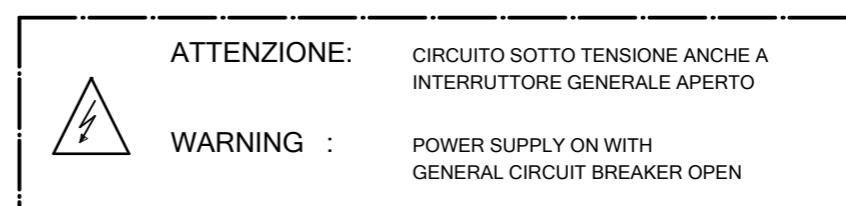


			Data	27.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AC MOTORS	DW0057070014	= CAGE18
			Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 505

GUARD MOT. BLOWER

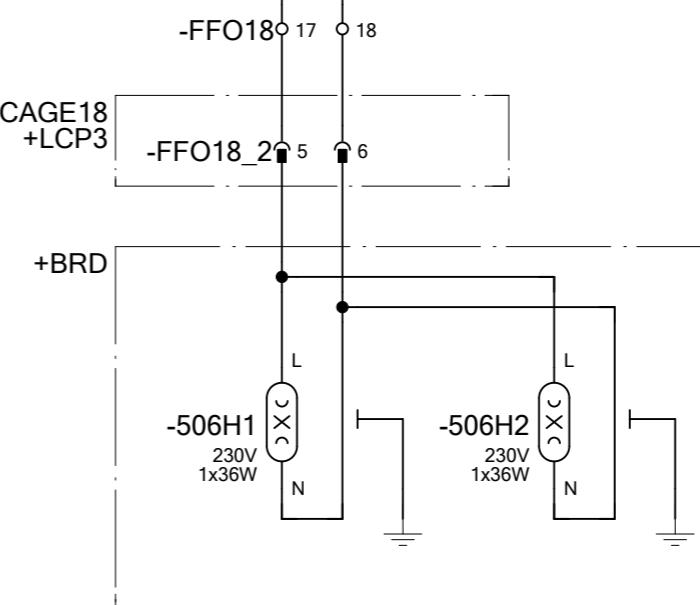


CAGE LIGHTING



=CAGE12/406 6/10110 ORANGE 10110/=CAGE24/606 6

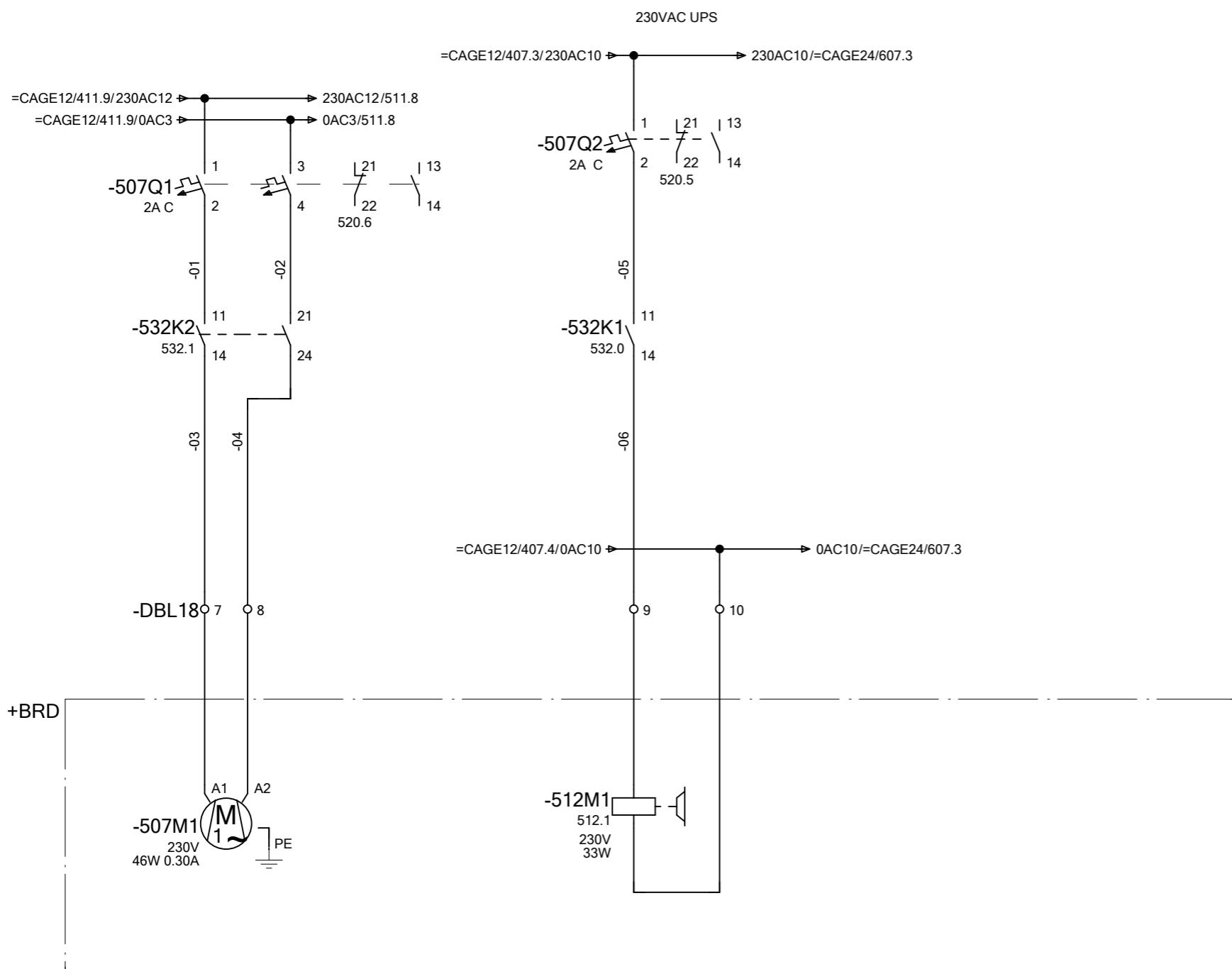
=CAGE12/406.6/0AC5 ➔



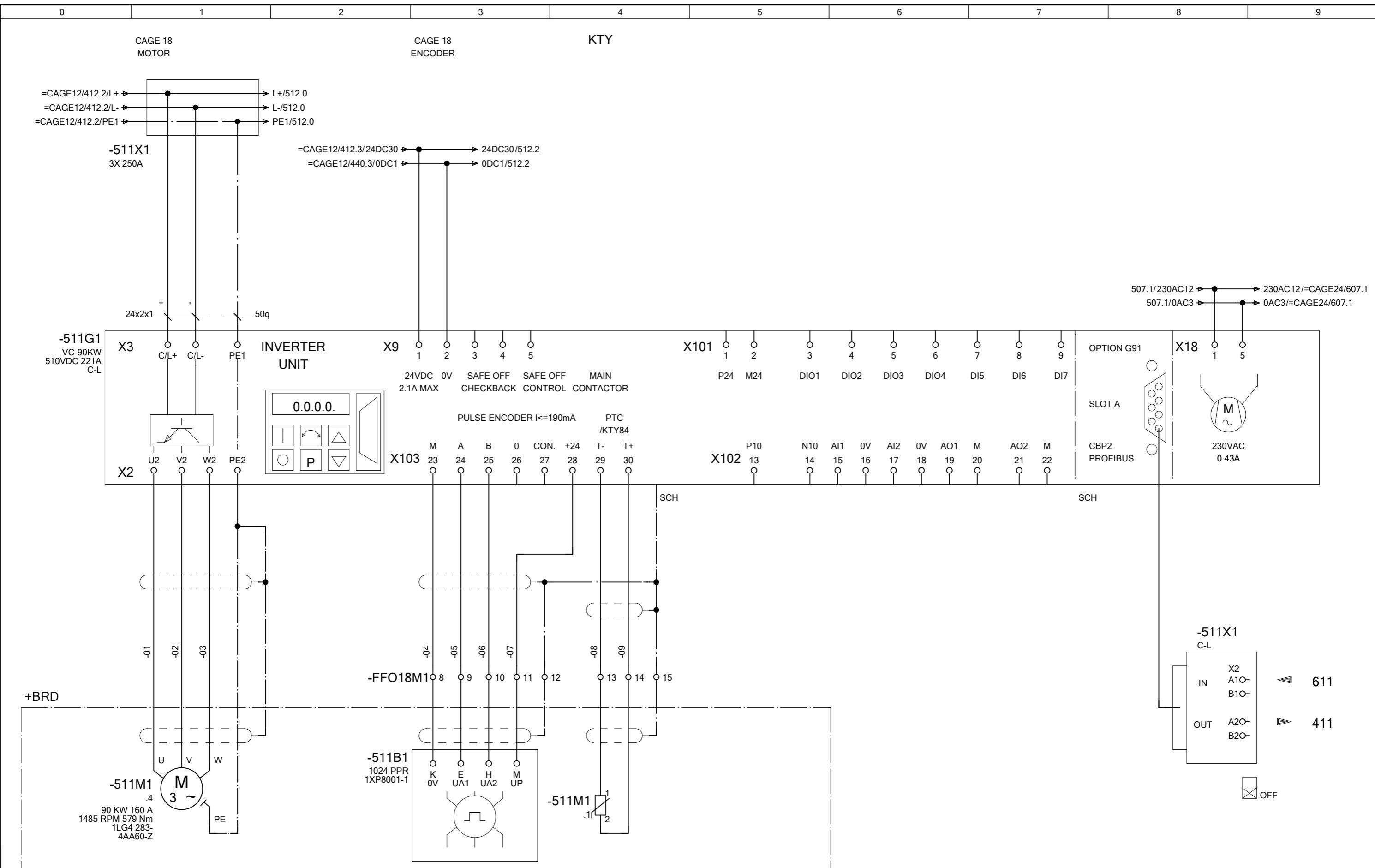
			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	AC MOTORS	DW0057070014	= CAGE18
			Dis.to	MF				+ MCB1	
								FOGLIO	506
Revisione	Data	Nome	NORME	IEC-CEI				C.19068	Segue 507

PREFORMING  
BLOWER MOTORPREFORMING MOT.  
ELECTR. BRAKE

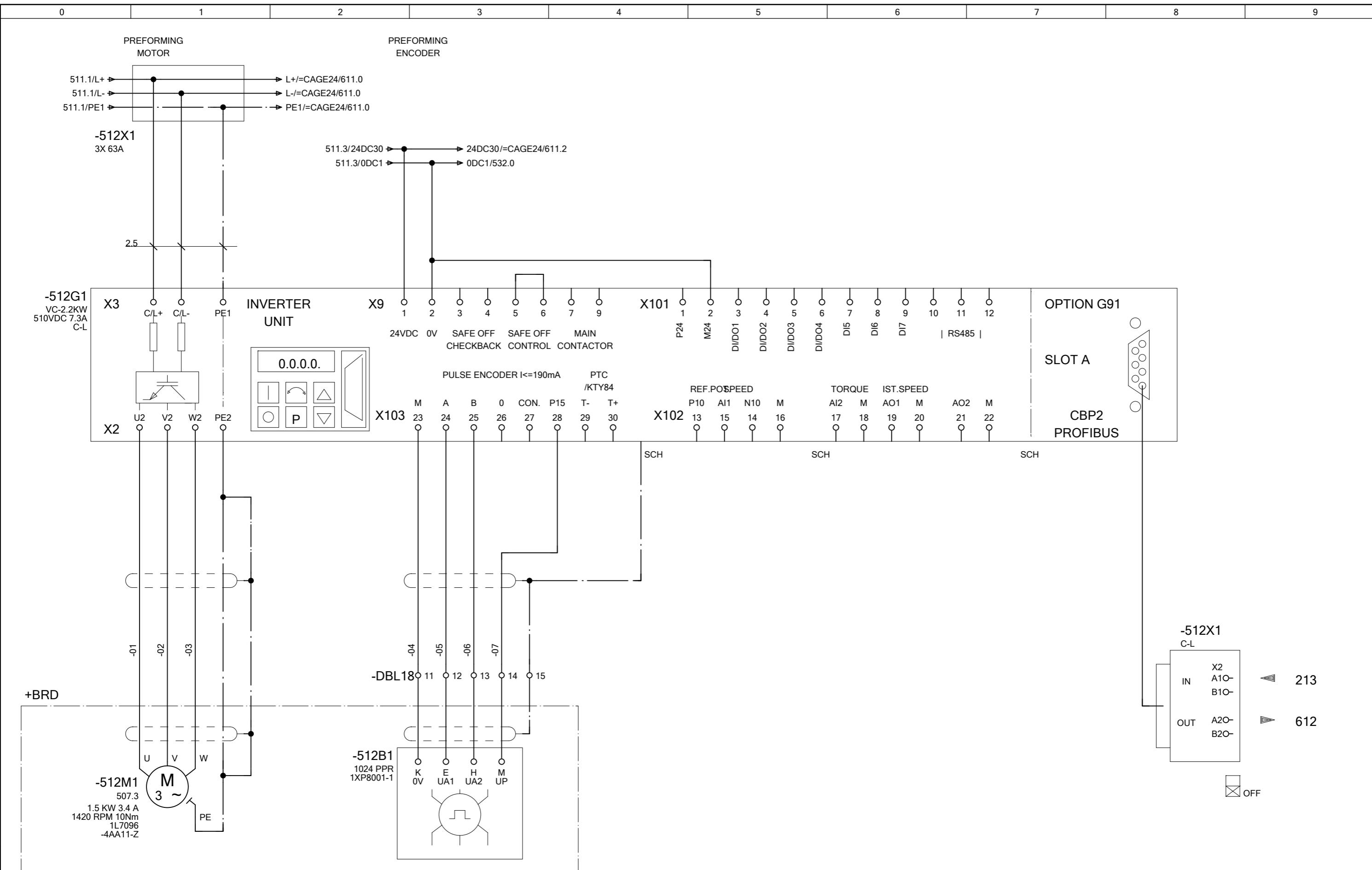
**WARNING :**  
CIRCUIT FEEDING BY UPS

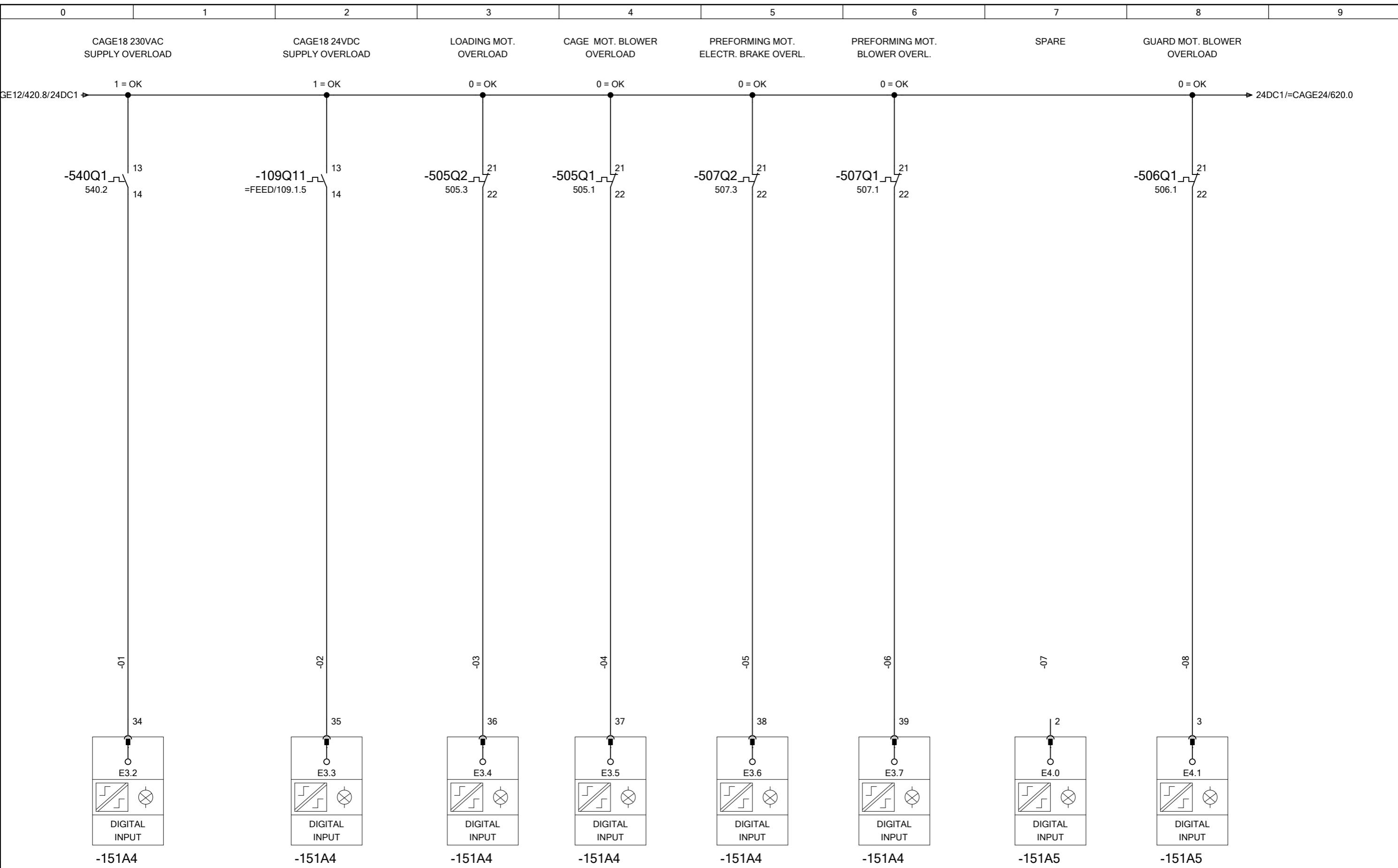


		Data	27.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AC MOTORS	DW0057070014	= CAGE18
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO 507



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	CAGE MOTOR	DW0057070014 C.19068	= CAGE18
			Dis.to	MF					+ MCB1
									FOGLIO 511
Revisione	Data	Nome	NORME	IEC-CEI					Segue 512





			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014  C.19068	= CAGE18
			Dis.to	MF					+ MCB1
									FOGLIO 520
Revisione	Data	Nome	NORME	IEC-CEI					Segue 530

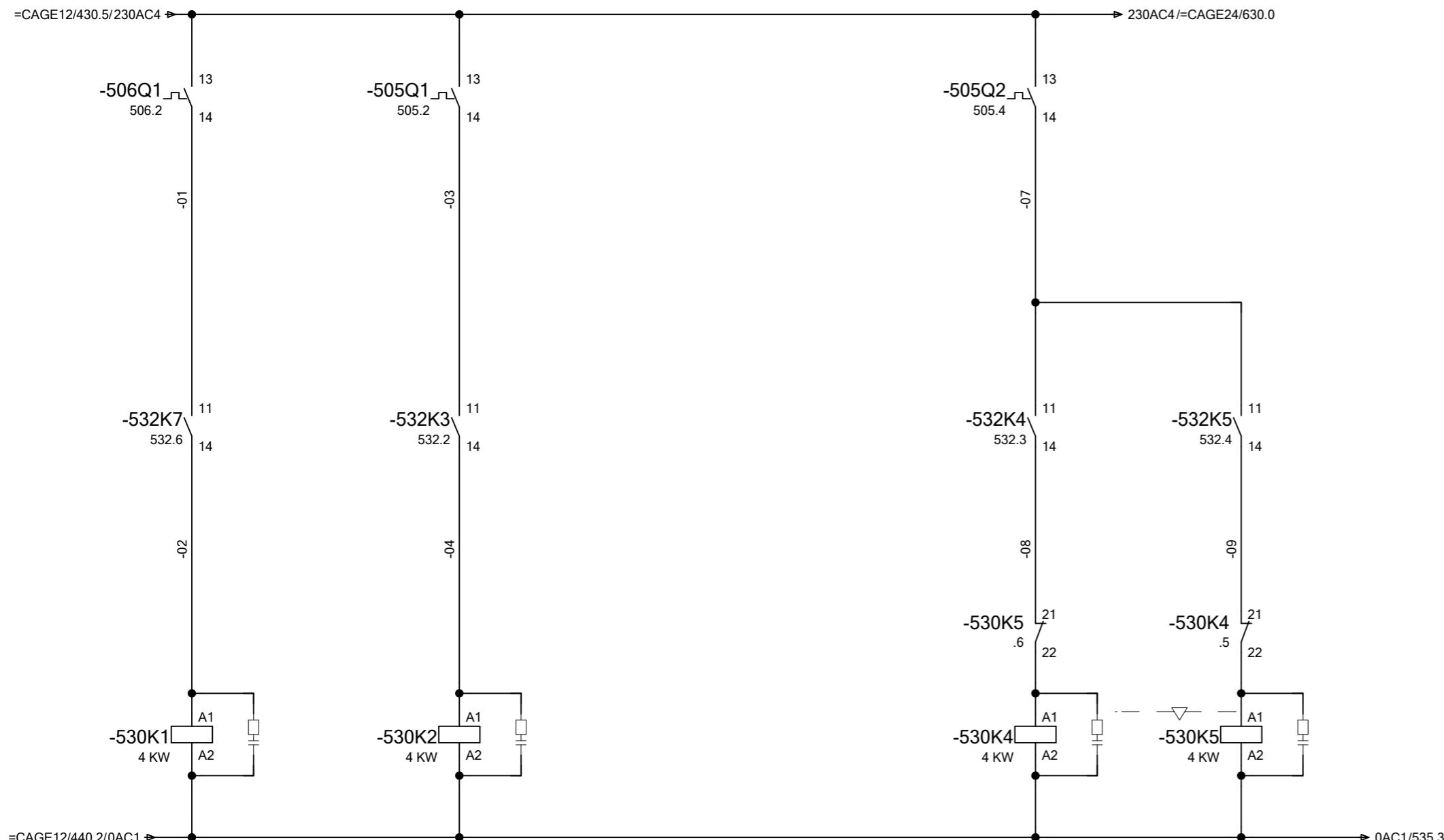
0 1 2 3 4 5 6 7 8 9

GUARD MOT. BLOWER

CAGE MOT. BLOWER

LOADING MOT.  
S ROTAT.

LOADING MOT.  
Z ROTAT.



1 - 506.1  
3 - 506.1  
5 - 506.1

1 - 505.1  
3 - 505.1  
5 - 505.1

1 - 505.3  
3 - 505.3  
5 - 505.3  
21 - .6

1 - 505.4  
3 - 505.4  
5 - 505.4  
21 - .5

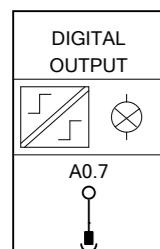
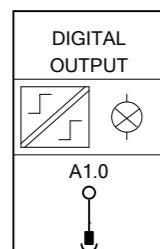
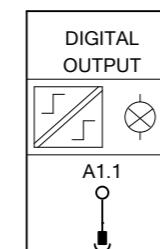
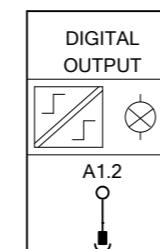
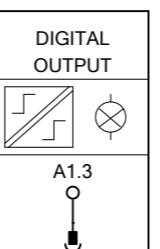
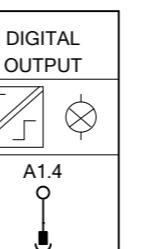
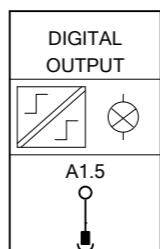
		Data	27.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AC MOTOR COMMAND	DW0057070014	= CAGE18
		Dis.to	MF	1+6+12+18+24 B/630	BERGAMO - ITALY -			+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO 530

Segue 532

0	1	2	3	4	5	6	7	8	9
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PREFORMING MOT.  
ELECTR. BRAKEPREFORMING  
BLOWER MOTORCAGE MOT.  
BLOWERLOADING MOT.  
S ROTAT.LOADING MOT.  
Z ROTAT.

SPARE

GUARD MOT.  
BLOWER**-151A6****-151A6****-151A6****-151A6****-151A6****-151A6****-151A6****-532K1**4SC  
24VDC**-532K2**4SC  
24VDC**-532K3**

24VDC

**-532K4**

24VDC

**-532K5**

24VDC

**-532K7**

24VDC

512.3/0DC1

→ 0DC1/540.2

11 - 507.3

11 - 507.1  
21 - 507.1

11 - 530.2

11 - 530.5

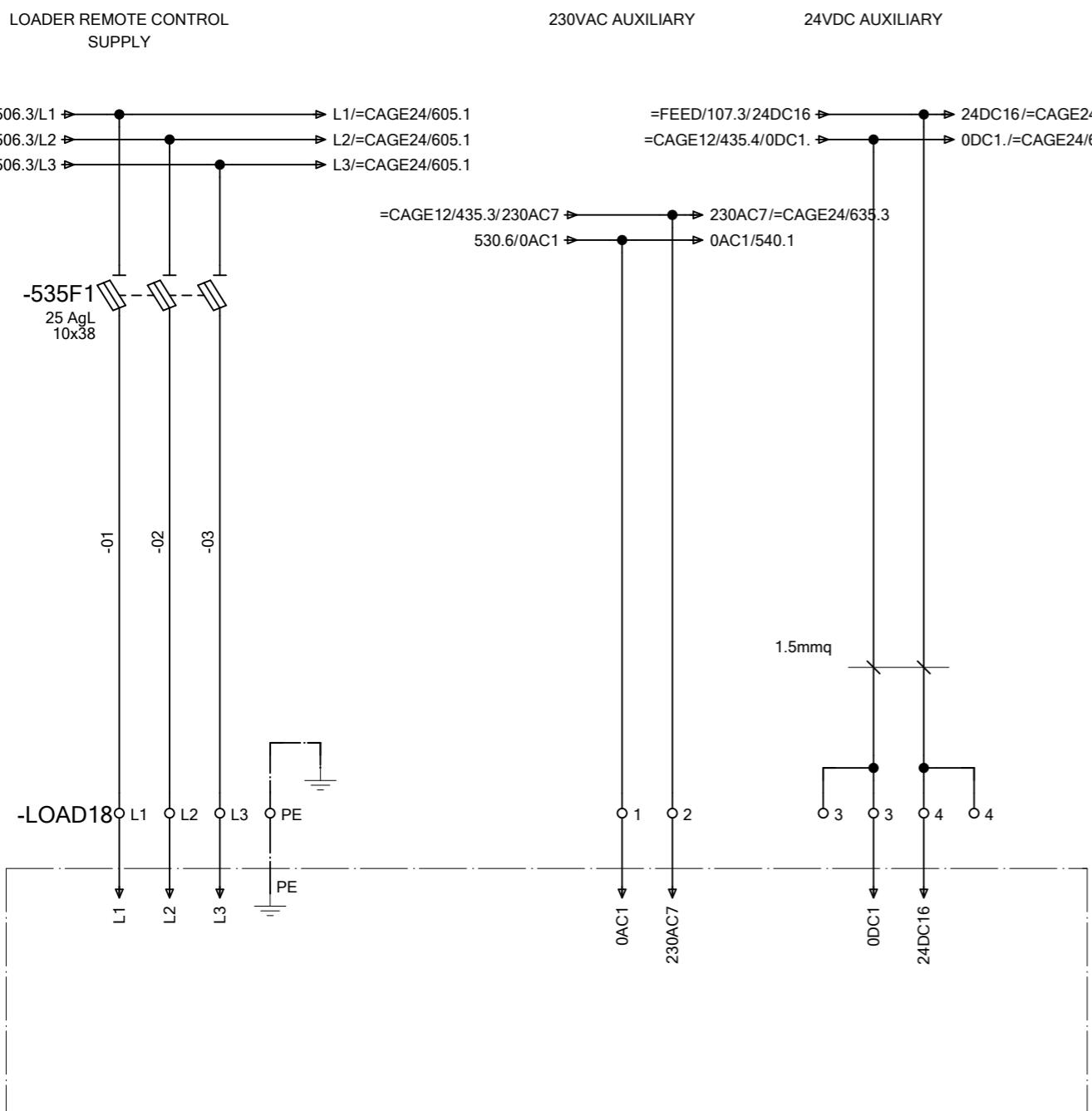
11 - 530.6

11 - 530.1

		Data	27.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL OUTPUTS SPARE	DW0057070014	= CAGE18
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI				FOGLIO
								532

Segue

535



TO SEE DW0060  
SHEET 241

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	LOADER REMOTE CONTROL SUPPLY	DW0057070014	= CAGE18
			Dis.to	MF					+ MCB1
									FOGLIO 535
Revisione	Data	Nome	NORME	IEC-CEI				C.19068	Segue 536

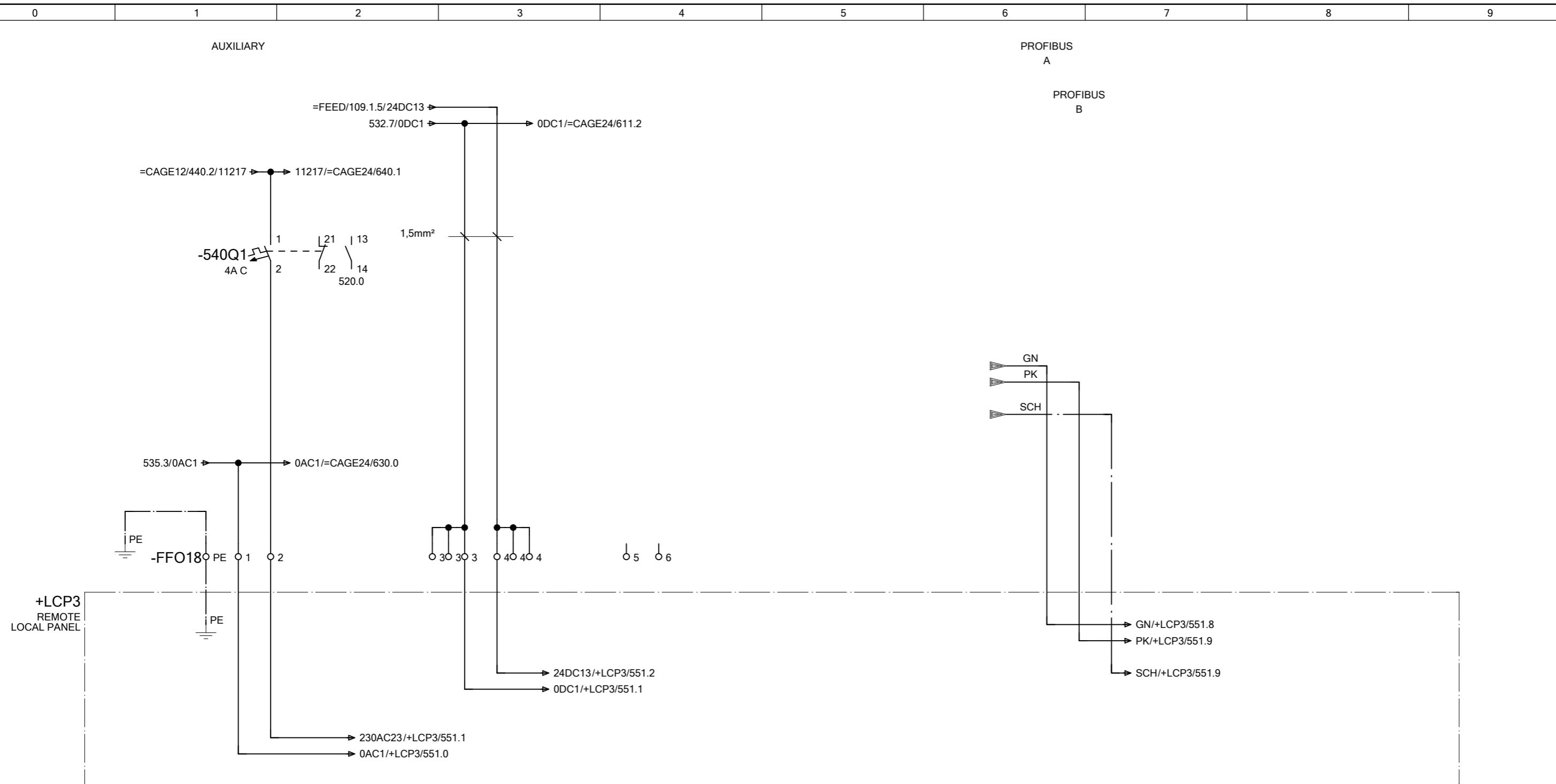
0	1	2	3	4	5	6	7	8	9
LOADER IN STAND BY	LOADER INSIDE CAGE	LOADER CLAMP OPEN	LOADER OUT OF CAGE		CAGE LOADER ENABLE	PRESENCE OF BOBBIN INSIDE CAGE	LOADER LOCK PISTON INSERTED	CAGE PINTLE OPEN	

The diagram shows a pinout for a 14-pin connector. Pin 7 is labeled **-LOAD18**. Pins 8 through 14 are grouped into four pairs: (-01, 34), (-02, 35), (-03, 36), and (-04, 37). Each pair is connected to a digital input terminal (indicated by an open circle). Pins 9 through 13 are grouped into four pairs: (9, 11), (12, 12), (13, 13), and (14, 14). Each pair is connected to a digital output terminal (indicated by a closed circle). The digital input symbols show a switch and a diode, while the digital output symbols show a switch and a load symbol.

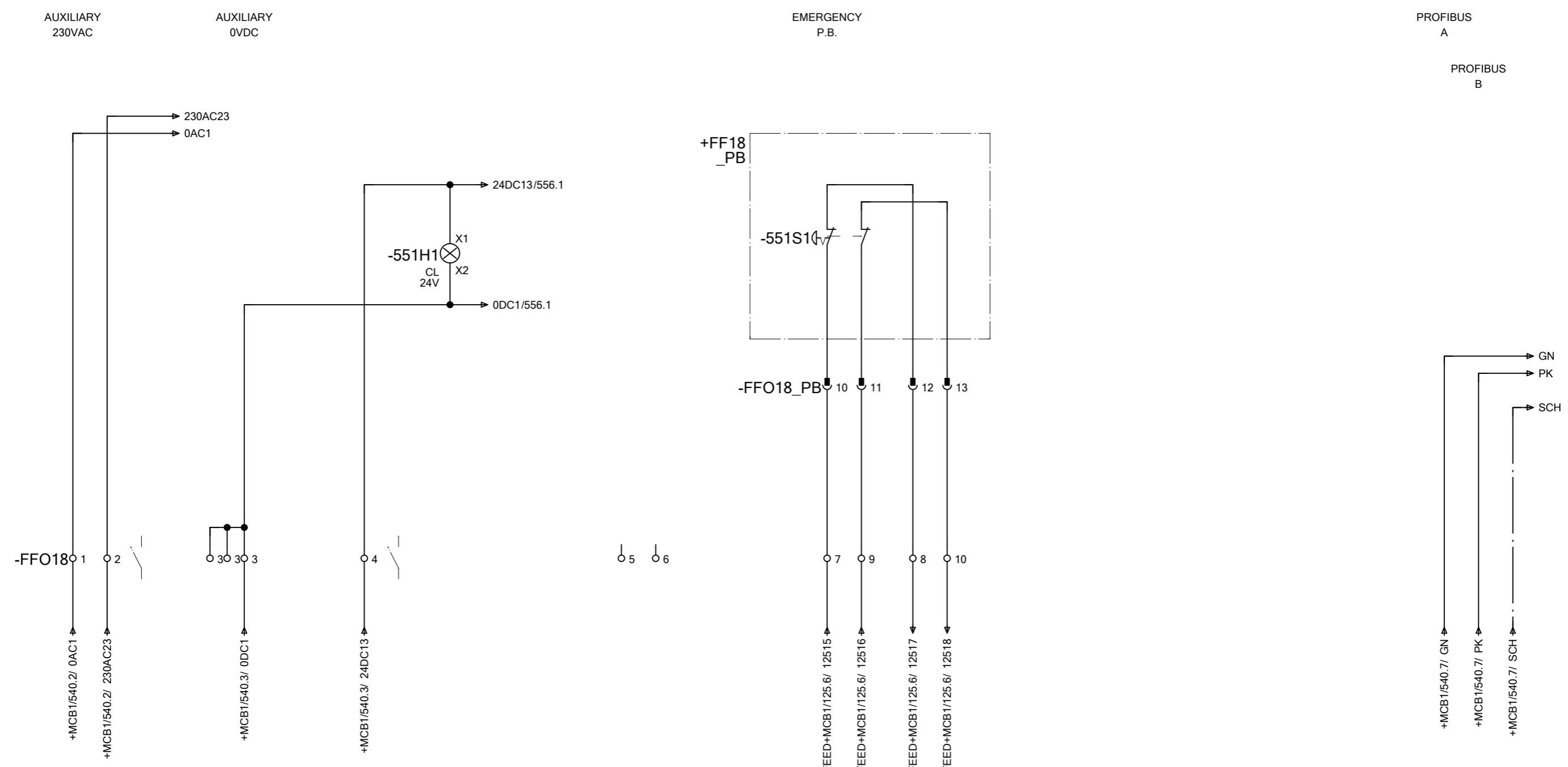
**DEFINIRE GLI INDIRIZZI DI INGRESSI E USCITE**

## **DEFINIRE GLI INDIRIZZI DI INGRESSI E USCITE**

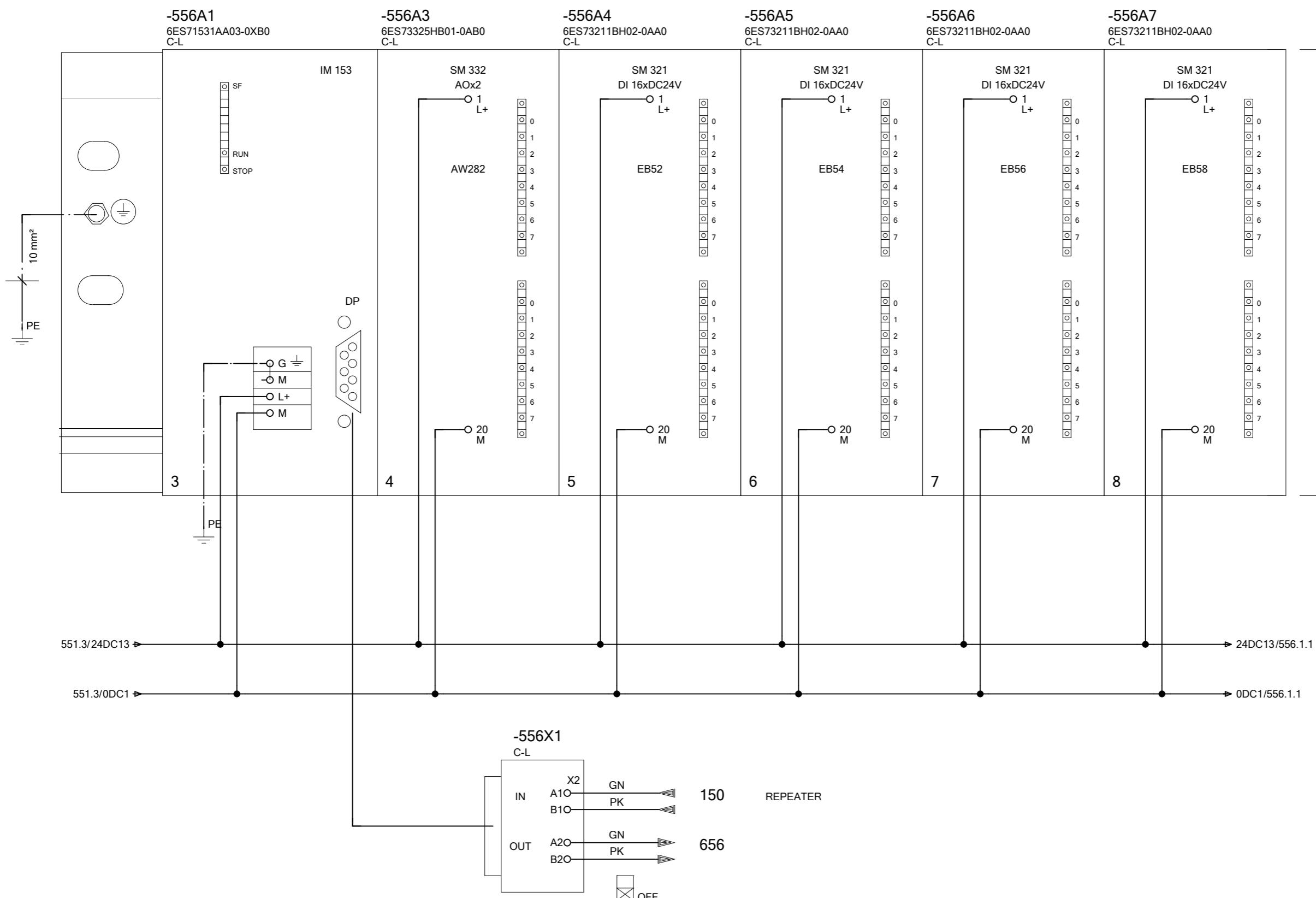
			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	LOADER INTERCONNECTION	DW0057070014  C.19068	= CAGE18
			Dis.to	MF					+ MCB1
									FOGLIO 536
Revisione	Data	Nome	NORME	IEC-CEI					Segue 540

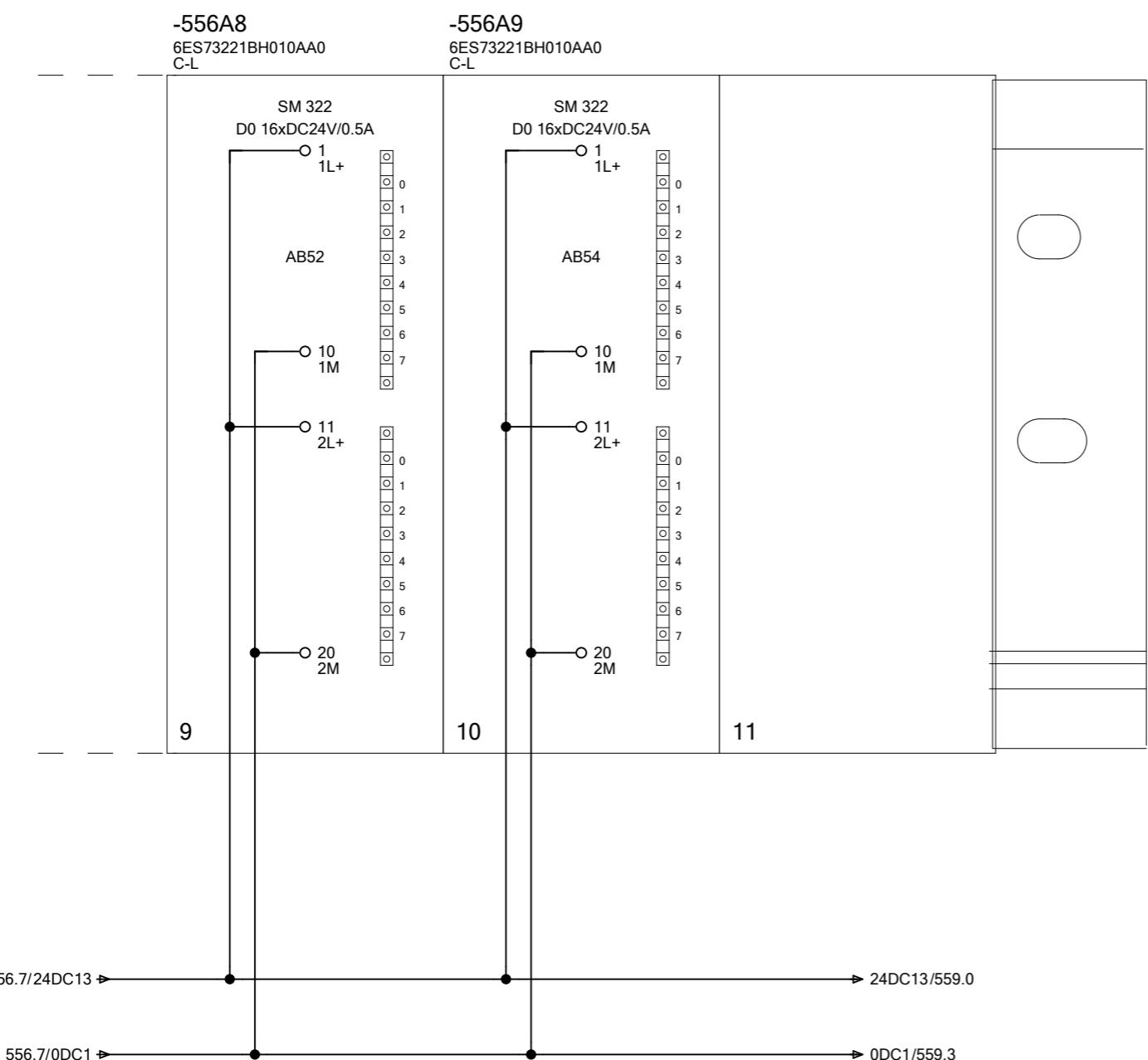


		Data	27.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	SUPPLY DISTRIBUTION	DW0057070014	= CAGE18
		Dis.to	MF	1+6+12+18+24 B/630			+ MCB1	
							FOGLIO	540
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	Segue +LCP3/551



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	SUPPLY DISTRIBUTION	DW0057070014  C.19068	= CAGE18
			Dis.to	MF					+ LCP3
									FOGLIO 551
Revisione	Data	Nome	NORME	IEC-CEI					Segue 556

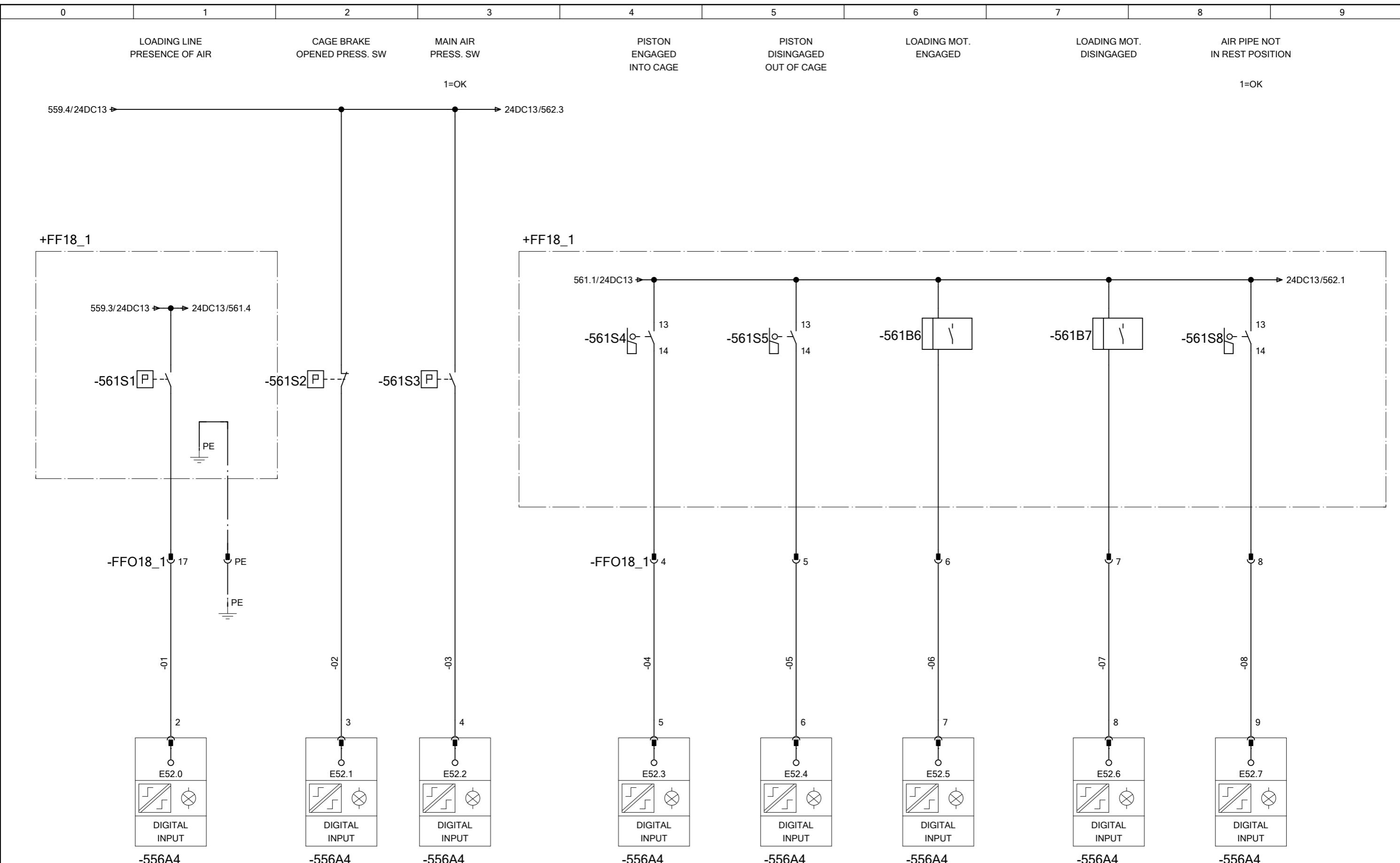




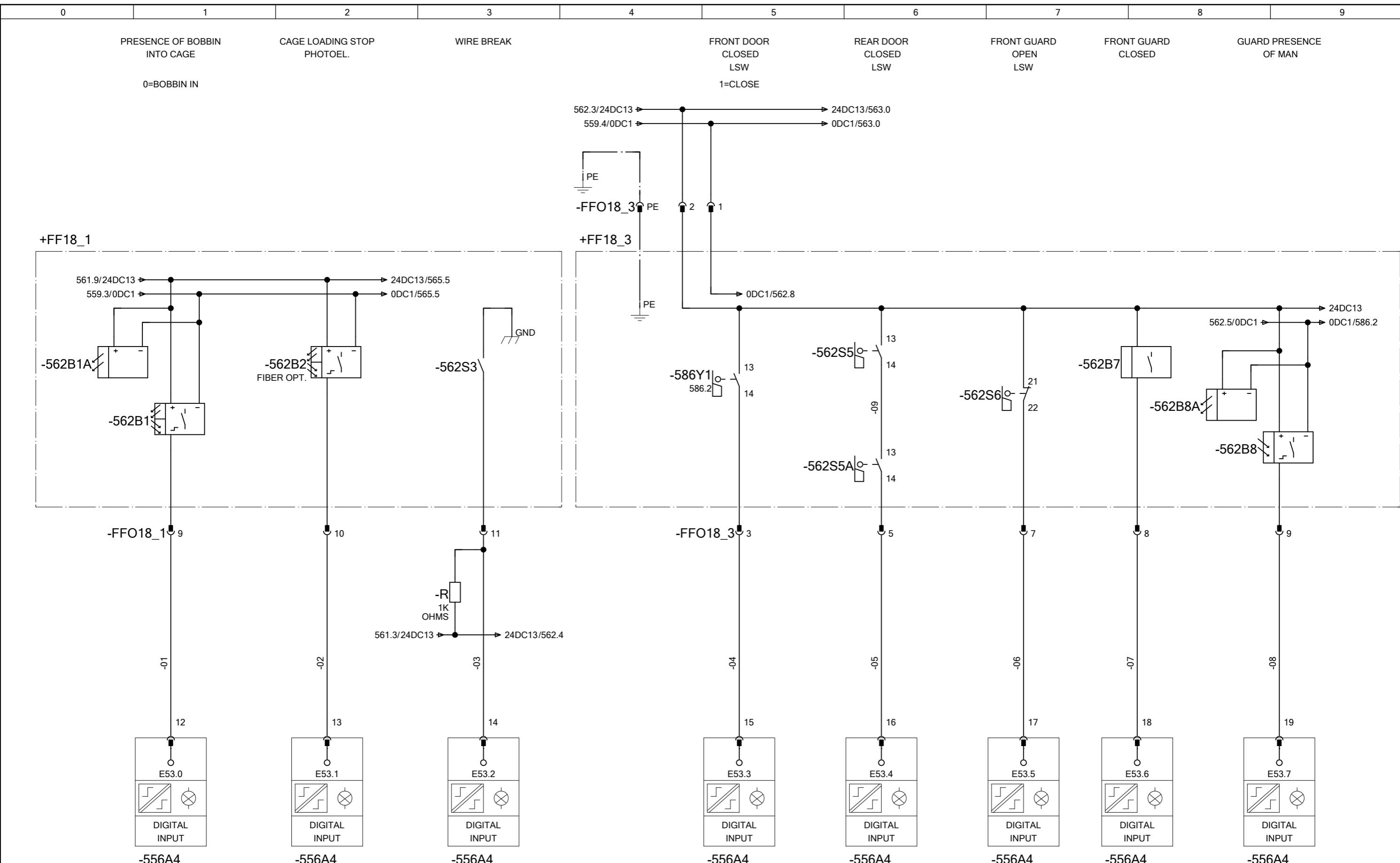
0	1	2	3	4	5	6	7	8	9	
-556A3	-556A4	-556A5	-556A6	-556A7	-556A8	-556A9				
/559.1 — 3 AW282 — 4 — 5 — 6 /559.3 — 7 AW284 — 8 — 9 — 10	/561.1 — 2 E52.0 /561.2 — 3 .1 /561.3 — 4 .2 /561.4 — 5 .3 /561.5 — 6 .4 /561.6 — 7 .5 /561.7 — 8 .6 /561.8 — 9 .7	/563.1 — 2 E54.0 /563.2 — 3 .1 /563.3 — 4 .2 /563.4 — 5 .3 /563.5 — 6 .4 /563.6 — 7 .5 /563.7 — 8 .6 /563.8 — 9 .7	/565.0 — 2 E56.0 /565.1 — 3 .1 /565.2 — 4 .2 /565.3 — 5 .3 /565.5 — 6 .4 /565.6 — 7 .5 /565.7 — 8 .6 /565.8 — 9 .7	/567.7 — 2 E58.0 /567.8 — 3 .1 /568.2 — 4 .2 /568.2 — 5 .3 /568.3 — 6 .4 /568.4 — 7 .5 /568.5 — 8 .6 /568.6 — 9 .7	/582.0 — 2 A52.0 /582.1 — 3 .1 /582.2 — 4 .2 /583.1 — 5 .3 /583.2 — 6 .4 /583.3 — 7 .5 /583.4 — 8 .6 /584.0 — 9 .7	/587.1 — 2 A54.0 /587.2 — 3 .1 /587.3 — 4 .2 /587.4 — 5 .3 /587.5 — 6 .4 /588.0 — 7 .5 /588.1 — 8 .6 /588.2 — 9 .7				
	/562.1 — 12 E53.0 /562.2 — 13 .1 /562.3 — 14 .2 /562.5 — 15 .3 /562.6 — 16 .4 /562.7 — 17 .5 /562.8 — 18 .6 /562.9 — 19 .7	/564.0 — 12 E55.0 /564.2 — 13 .1 /564.2 — 14 .2 /564.3 — 15 .3 /564.4 — 16 .4 /564.5 — 17 .5 /564.6 — 18 .6 /564.9 — 19 .7	/566.1 — 12 E57.0 /566.2 — 13 .1 /567.2 — 14 .2 /567.3 — 15 .3 /567.4 — 16 .4 /567.4 — 17 .5 /567.5 — 18 .6 /567.6 — 19 .7	/568.7 — 12 E59.0 /568.8 — 13 .1 /569.2 — 14 .2 /569.2 — 15 .3 /569.3 — 16 .4 /569.4 — 17 .5 /569.5 — 18 .6 /569.6 — 19 .7	/584.2 — 12 A53.0 /584.2 — 13 .1 /584.3 — 14 .2 /586.0 — 15 .3 /586.4 — 16 .4 /586.5 — 17 .5 /586.6 — 18 .6 /586.7 — 19 .7	/588.3 — 12 A55.0 /588.4 — 13 .1 /588.5 — 14 .2 /588.6 — 15 .3 /588.7 — 16 .4 /590.1 — 17 .5 /590.2 — 18 .6 /590.3 — 19 .7				

		Data	24.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	ET200M	DW0057070014	= CAGE18
		Dis.to	MF	1+6+12+18+24 B/630				+ LCP3
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO 557.1

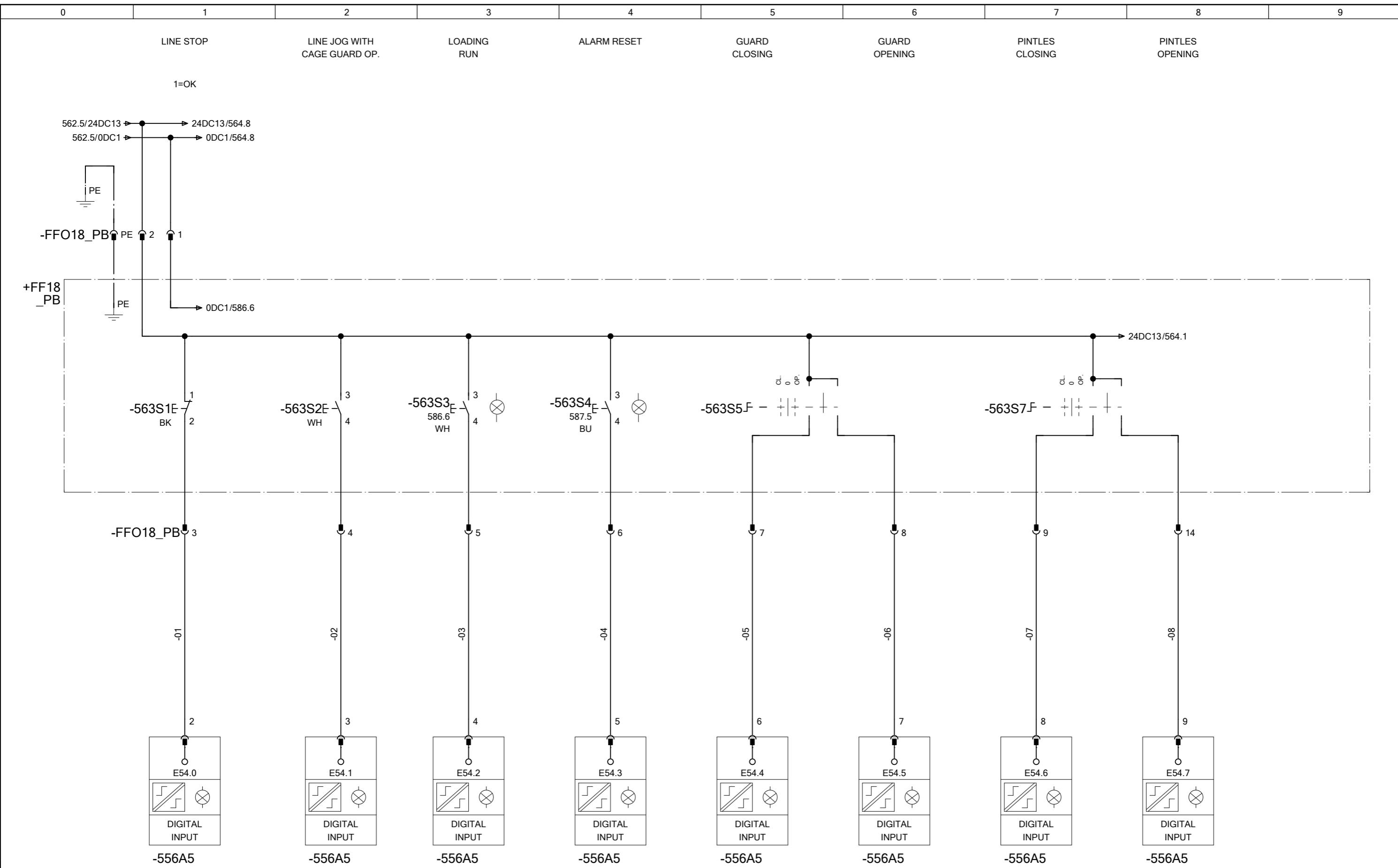


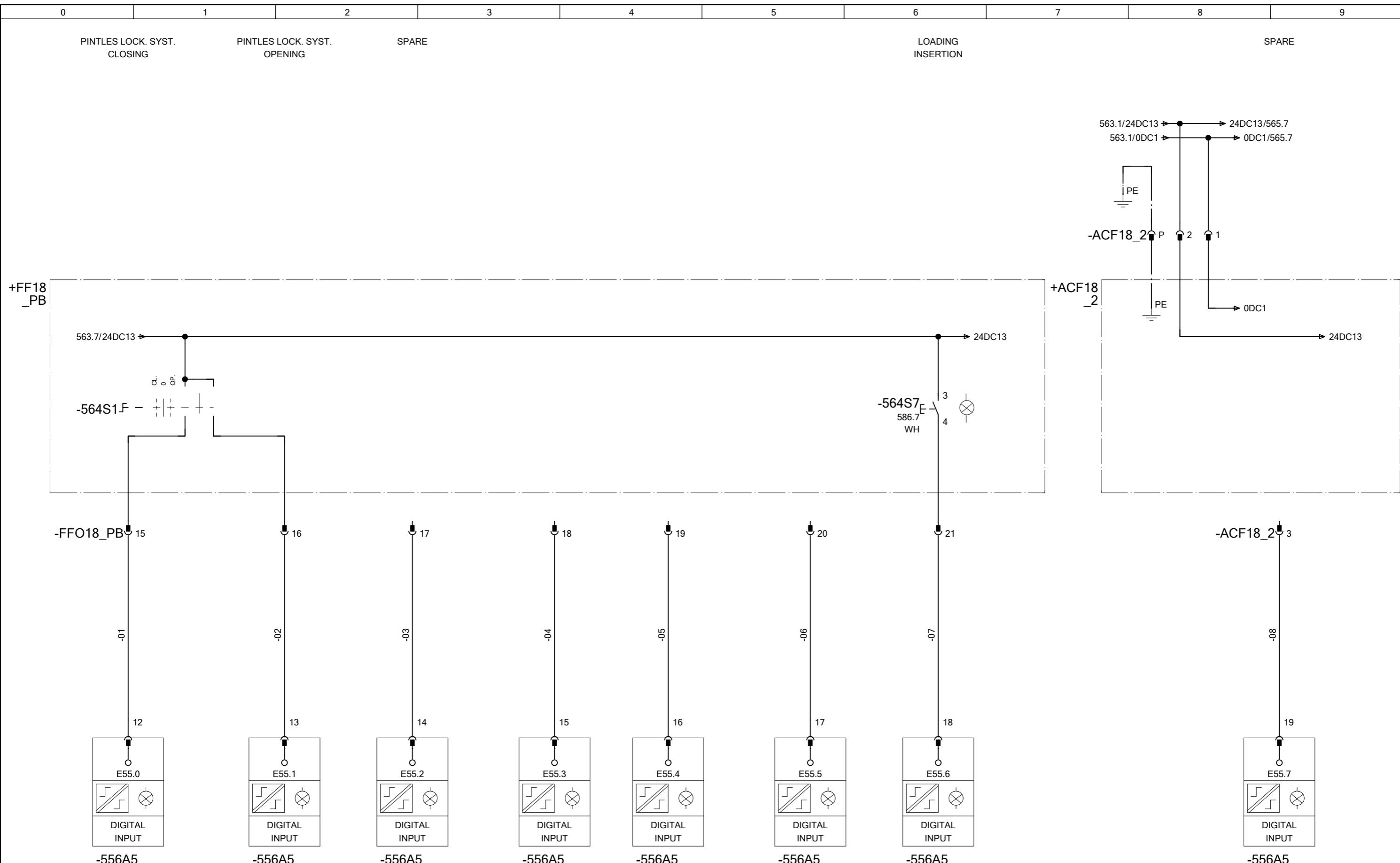


			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIG. INP/OUT DIE STAND	DW0057070014 C.19068	= CAGE18
			Dis.to	MF					+ LCP3
									FOGLIO 561
Revisione	Data	Nome	NORME	IEC-CEI					Segue 562

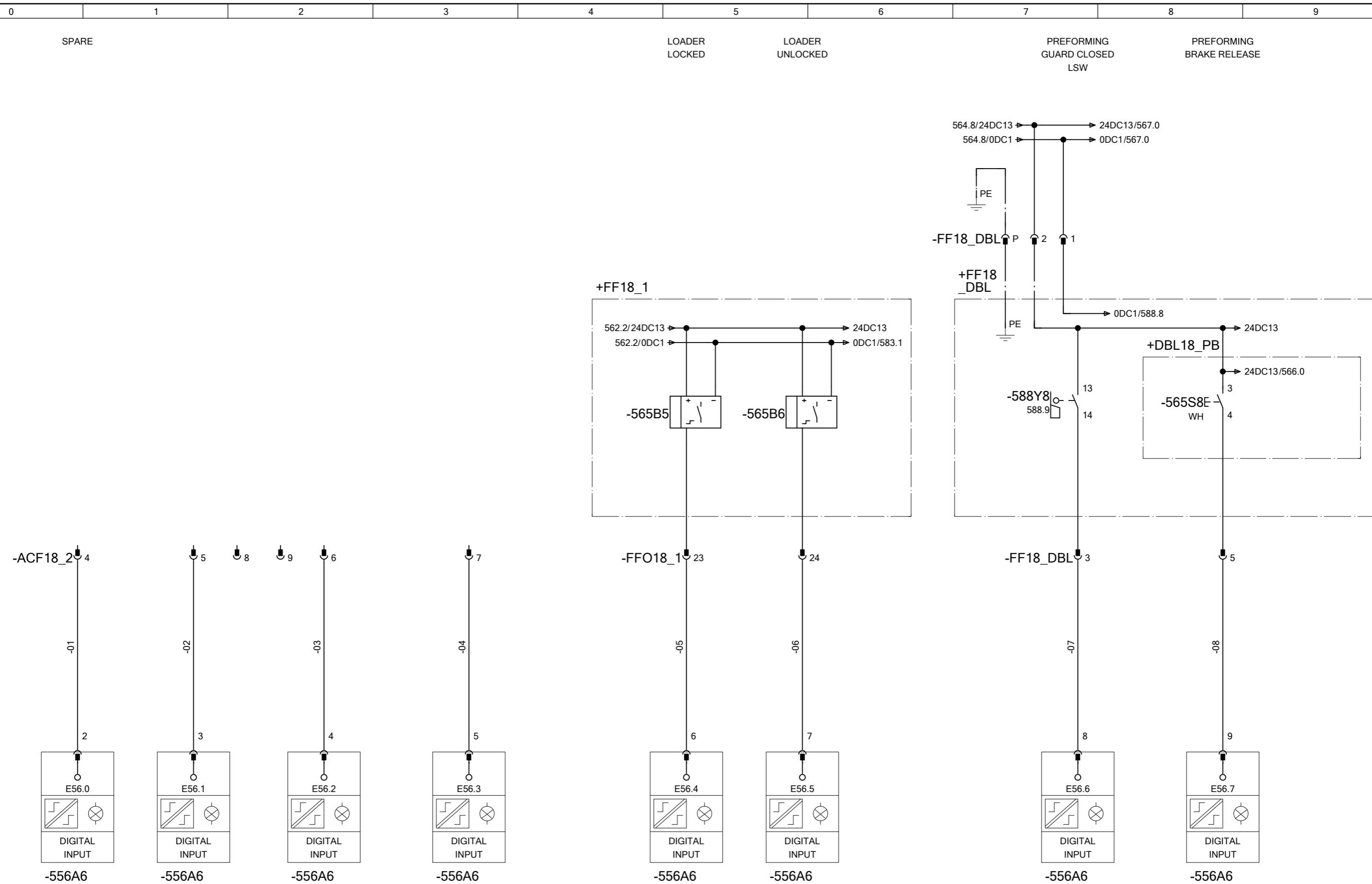


			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE18
			Dis.to	MF					+ LCP3
									FOGLIO 562
Revisione	Data	Nome	NORME	IEC-CEI					Segue 563





			Data	23.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE18
			Dis.to	MF					+ LCP3
									FOGLIO 564
Revisione	Data	Nome	NORME	IEC-CEI					Segue 565

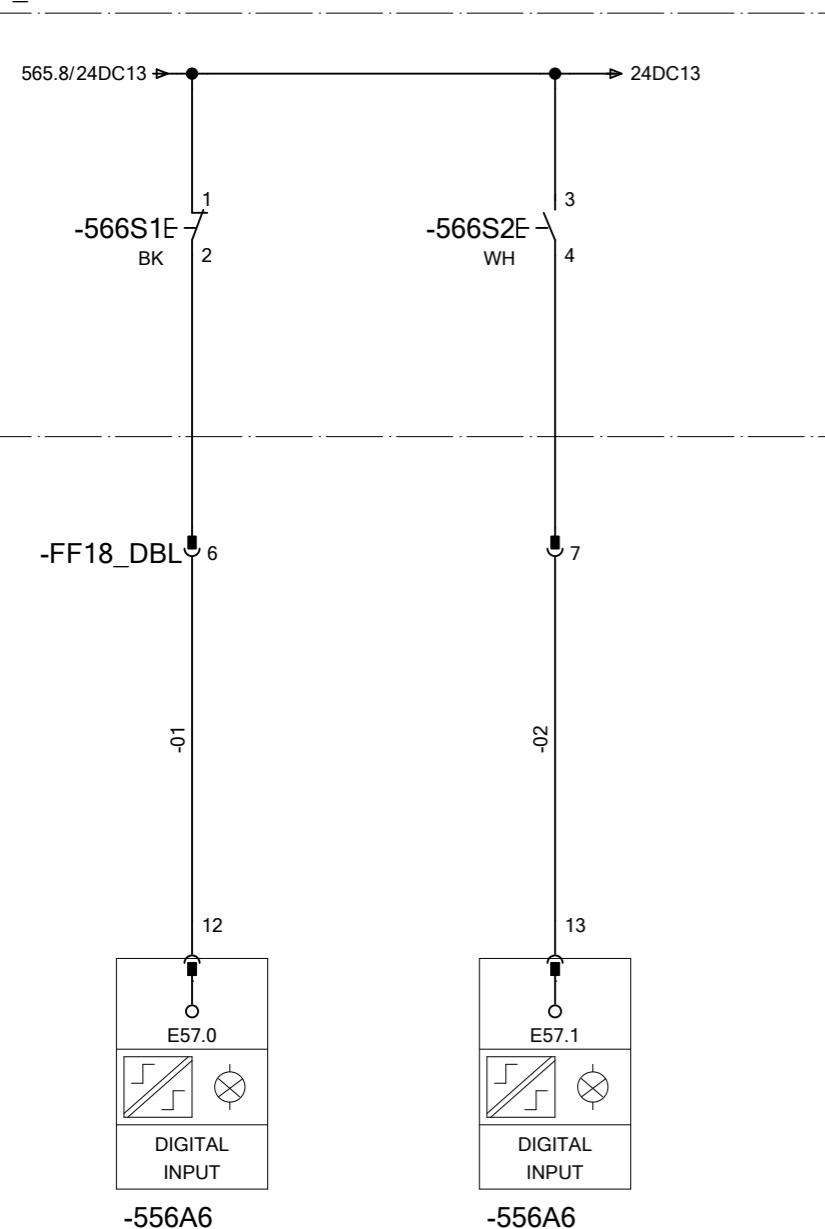


			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE18
			Dis.to	MF					+ LCP3
									FOGLIO 565
Revisione	Data	Nome	NORME	IEC-CEI					Segue 566

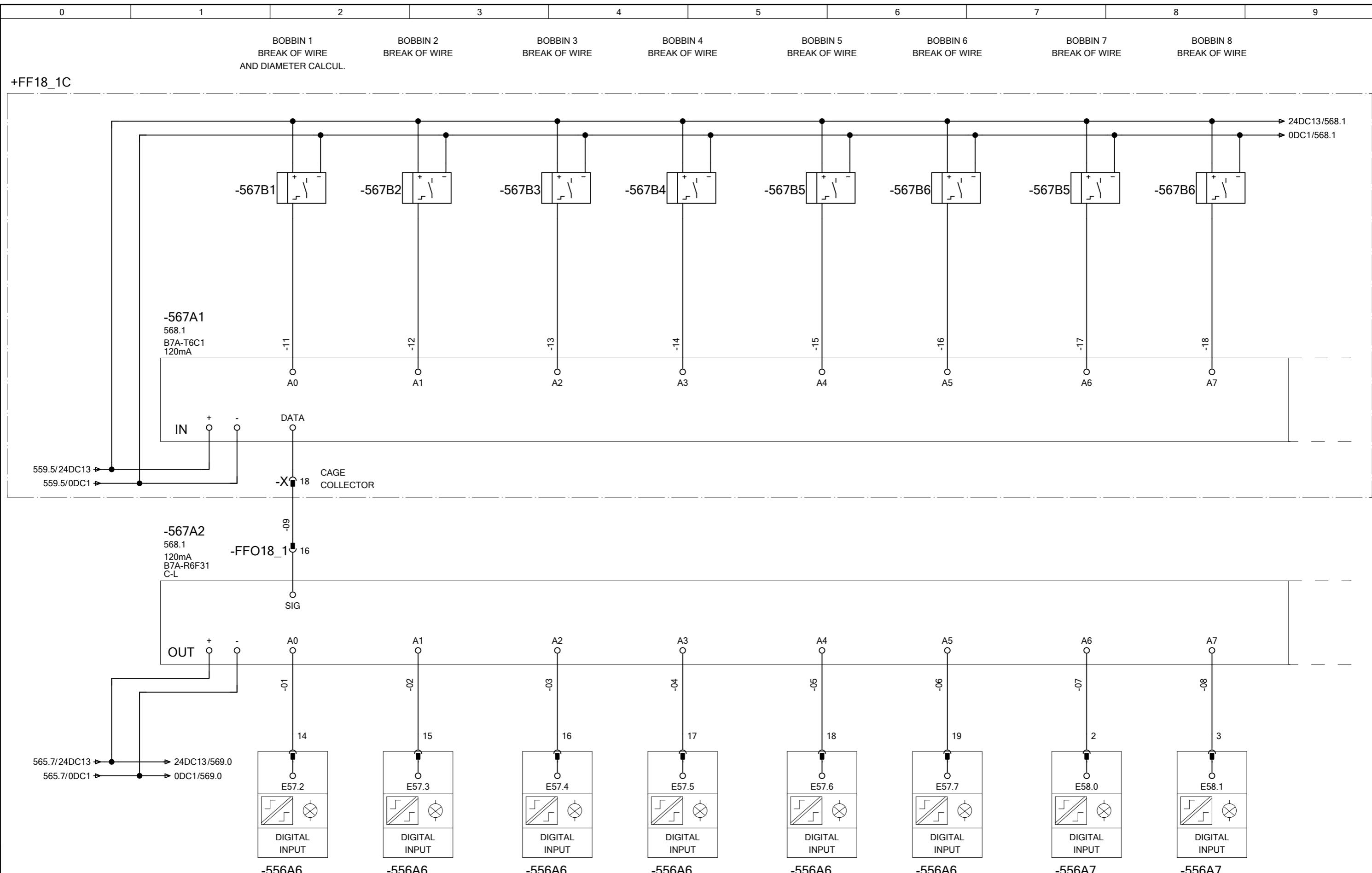
## PREFORMING LINE STOP

## PREFORMING LINE JOG

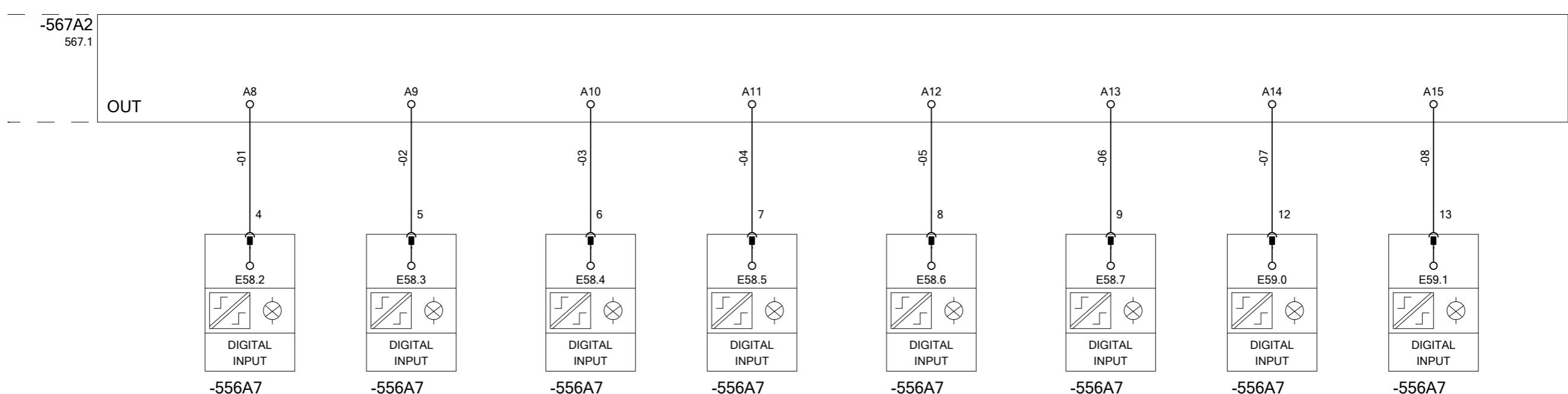
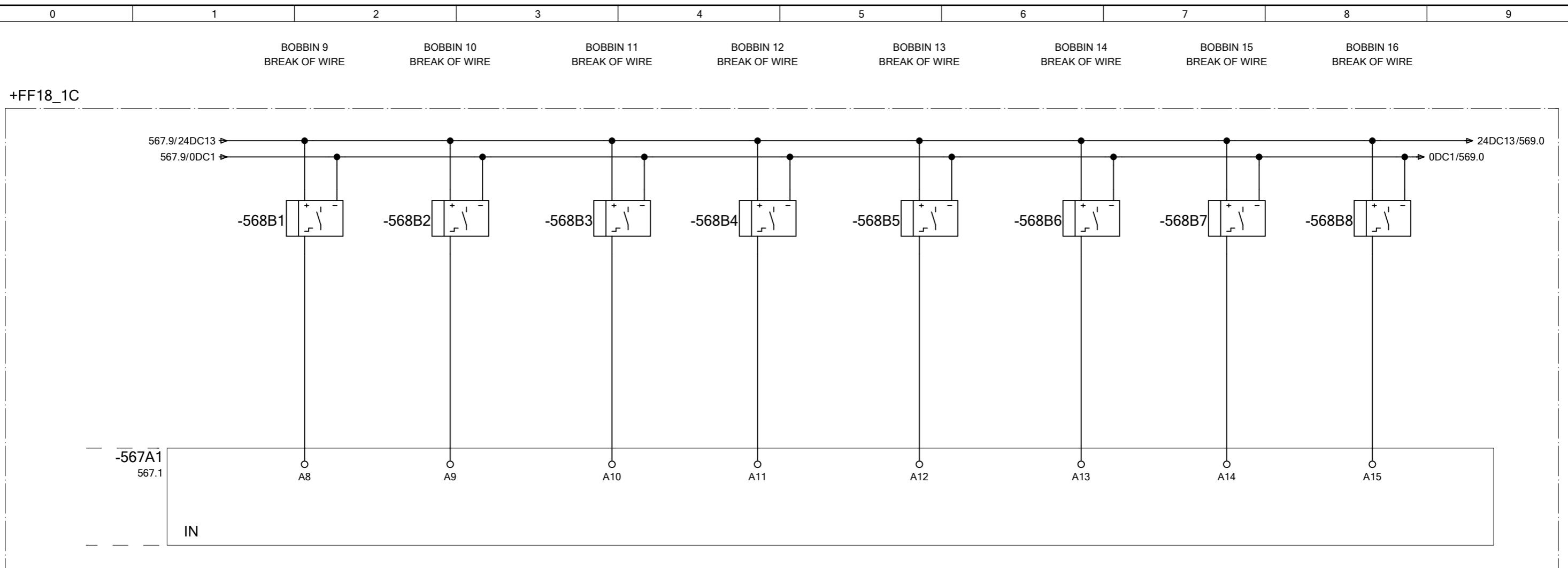
+DBL18\_PB



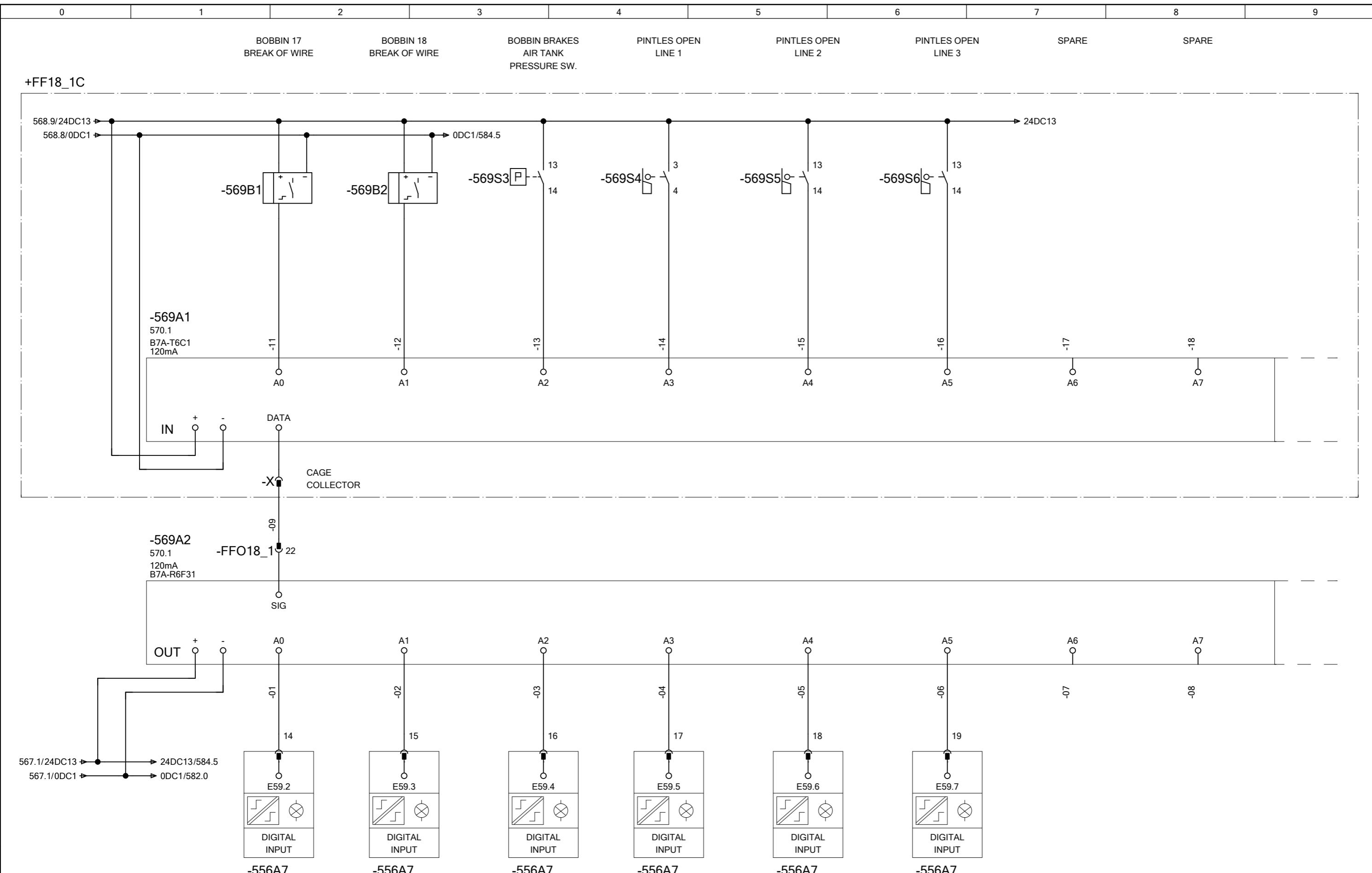
			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014	= CAGE18
			Dis.to	MF					+ LCP3
									FOGLIO 566
Revisione	Data	Nome	NORME	IEC-CEI				C.19068	Segue 567



			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE18
			Dis.to	MF					+ LCP3
									FOGLIO 567
Revisione	Data	Nome	NORME	IEC-CEI					Segue 568



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE18	
			Dis.to	MF					+ LCP3	
									FOGLIO	568
Revisione	Data	Nome	NORME	IEC-CEI					Segue	569



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE18
			Dis.to	MF					+ LCP3
									FOGLIO 569
Revisione	Data	Nome	NORME	IEC-CEI					Segue 570

0                    1                    2                    3                    4                    5                    6                    7                    8                    9

SPARE

+FF18\_1C

-569A  
569

60

8

A9

A10

A11

A12

A13

A14

5

IN

-569A  
569

569

A  
C

A9

A10  
○

A11

A12

A13

A14

5

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014  C.19068	= CAGE18
			Dis.to	MF					+ LCP3
									FOGLIO 570
Revisione	Data	Nome	NORME	IEC-CEI					Segue 582

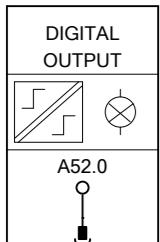
0	1	2	3	4	5	6	7	8	9
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LOADING MOT.  
ENGAGING

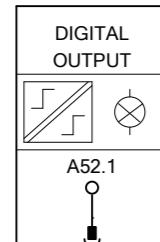
LOADING MOT.  
DISINAGING

CAGE  
STATIONARY BRAKE

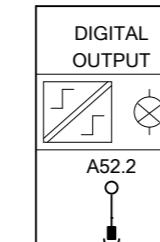
-556A8



-556A8



-556A8



2

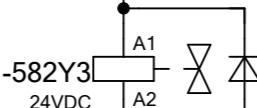
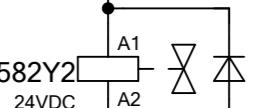
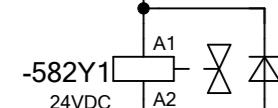
3

4

01

02

03



569.1/0DC1 → 0DC1/584.0

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL OUTPUTS	DW0057070014	= CAGE18
			Dis.to	MF	1+6+12+18+24 B/630				+ LCP3
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 582

Segue

583

0 1 2 3 4 5 6 7 8 9

OPEN AIR  
IN CAGE

CLOSE AIR  
IN CAGE

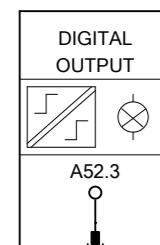
LOADING PINSTON  
ENGAGING INTO CAGE

LOADING PINSTON  
DISENGAGING INTO CAGE

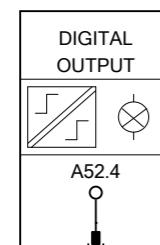
LOADER  
LOCKING

LOADER  
UNLOCKING

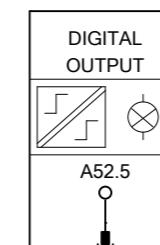
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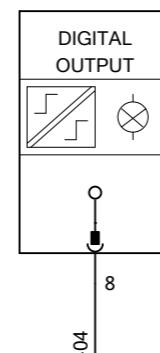
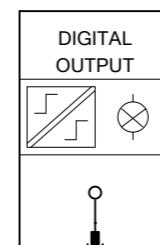
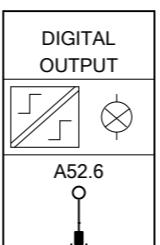
-556A8



-556A8



-556A8



**DEFINIRE LE USCITE  
E I CONNETTORI**

-FFO18\_1

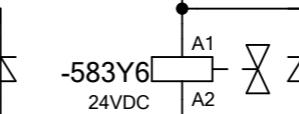
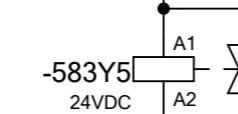
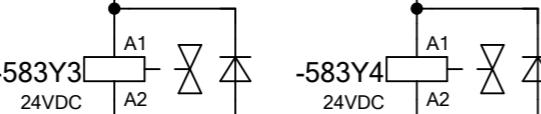
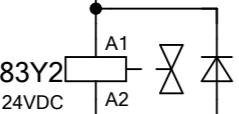
18

19

20

21

+FF18\_1



0DC1

565.6/0DC1

0DC1

		Data	24.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL OUTPUTS	DW0057070014	= CAGE18
		Dis.to	MF	1+6+12+18+24 B/630				+ LCP3
Revisione	Data	Nome	NORME	IEC-CEI				FOGLIO
							C.19068	584
							Segue	584

0 1 2 3 4 5 6 7 8 9

PINTLES LOCKING  
SYST.  
OPENING

PINTLES LOCKING  
SYST.  
CLOSING

PINTLES  
OPENING

PINTLES  
CLOSING

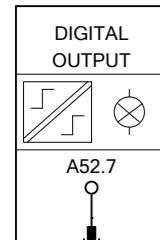
PINTLES LOCKING  
SYST.  
OPENING

PINTLES LOCKING  
SYST.  
CLOSING

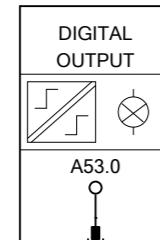
PINTLES  
OPENING

PINTLES  
CLOSING

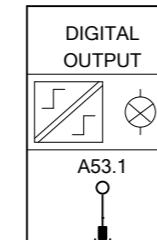
-556A8



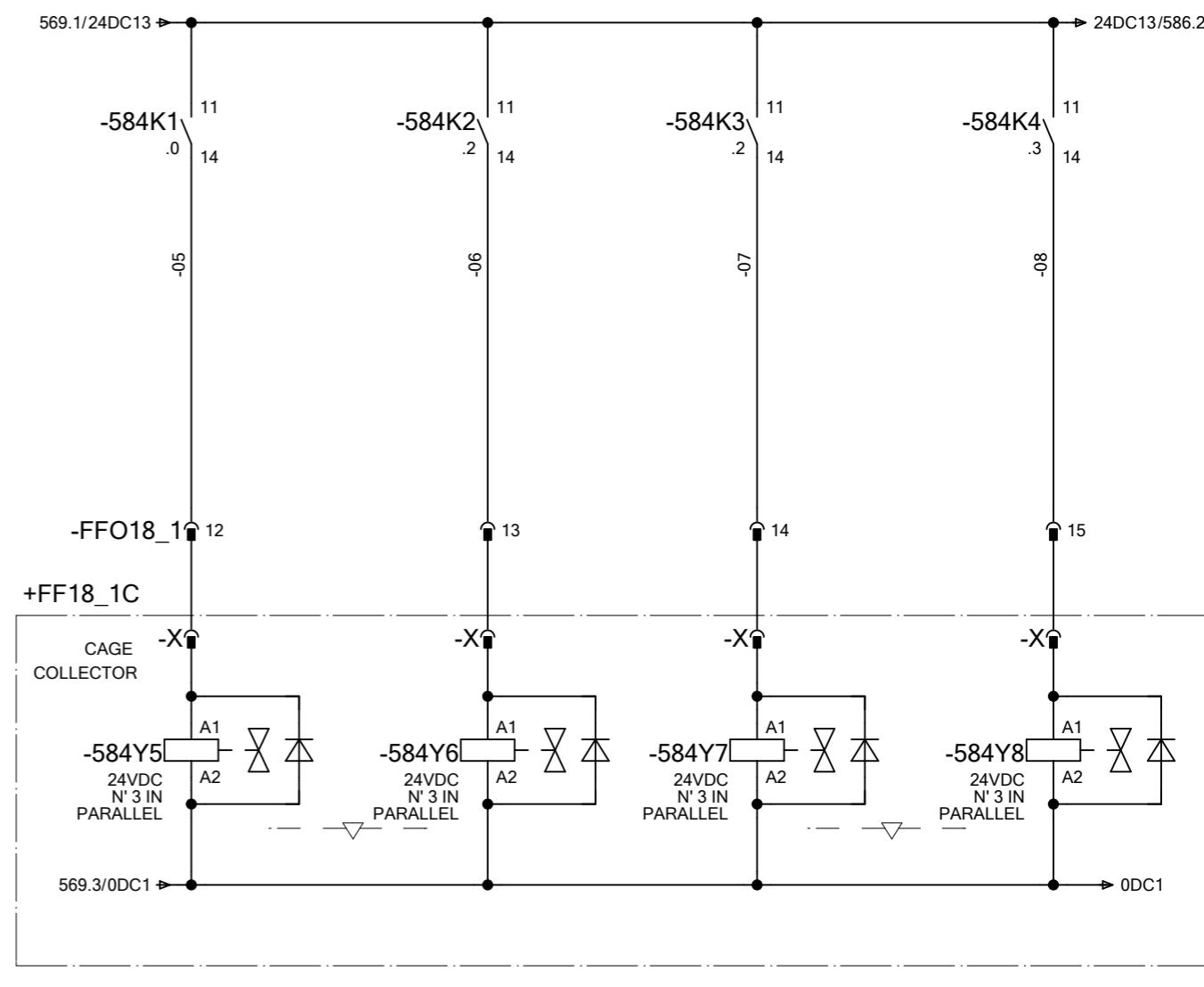
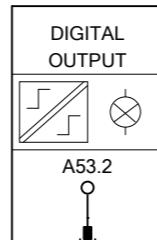
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-556A8



-556A8



11 -.5

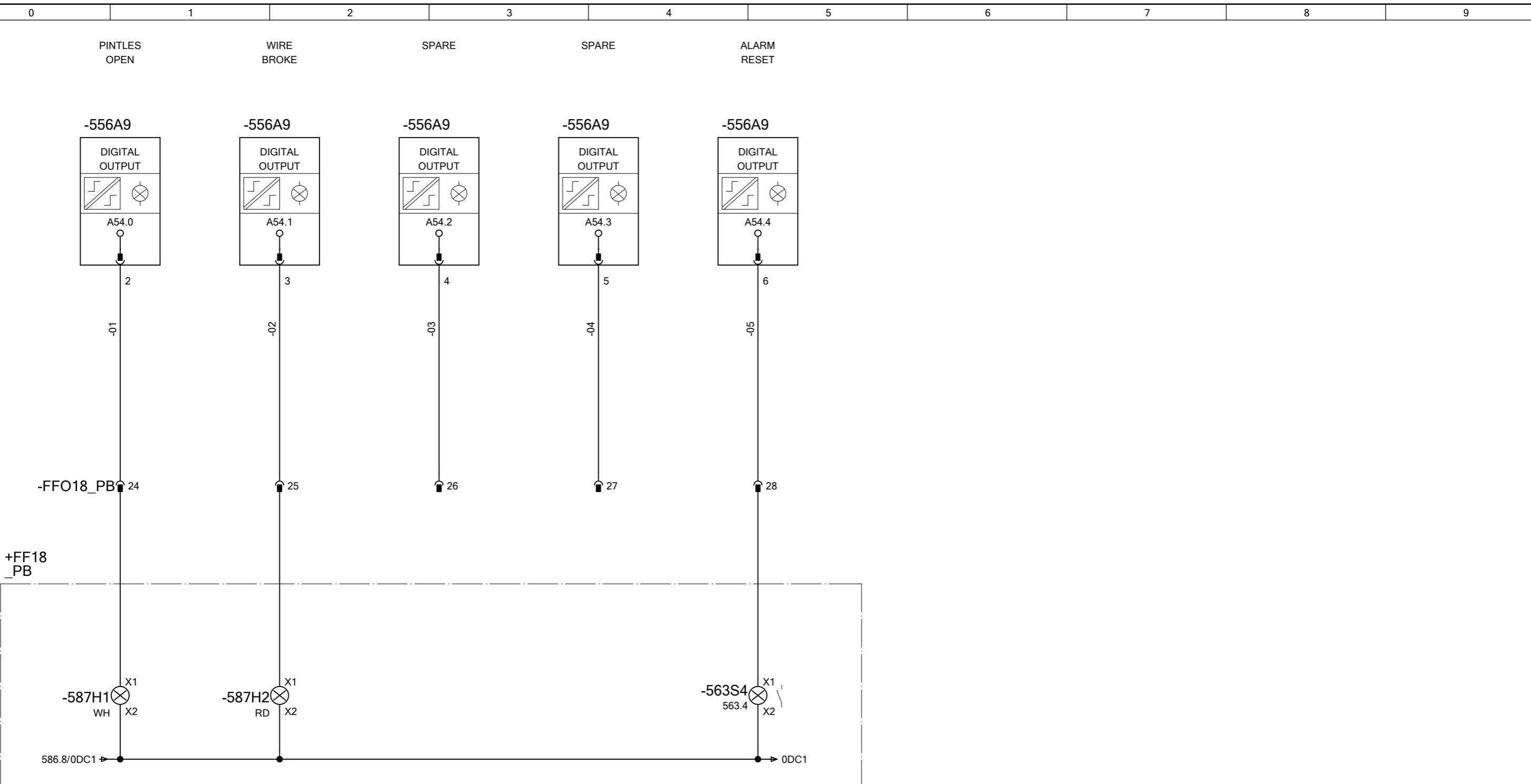
11 -.6

11 -.7

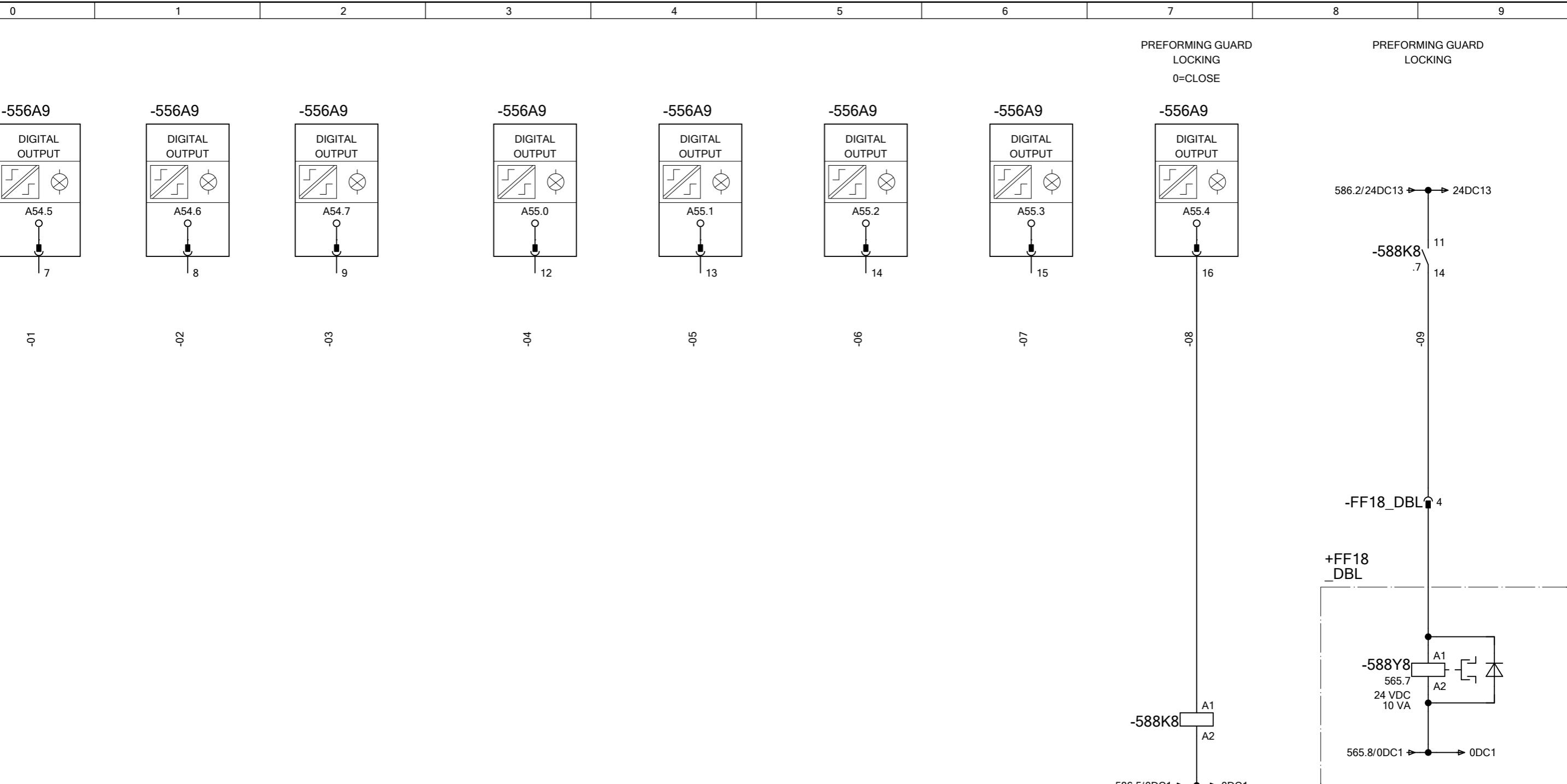
11 -.8

			Data	27.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL OUTPUTS	DW0057070014	= CAGE18
			Dis.to	MF	1+6+12+18+24 B/630				+ LCP3
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 584





			Data	23.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS	DW0057070014	= CAGE18
			Dis.to	MF				+ LCP3	
								FOGLIO	587
Revisione	Data	Nome	NORME	IEC-CEI				C.19068	Segue 588



11 - .9

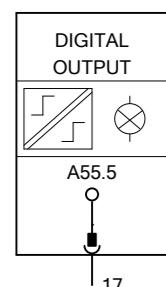
			Data	23.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL OUTPUTS	DW0057070014	= CAGE18
			Dis.to	MF	1+6+12+18+24 B/630				+ LCP3
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 588

SPARE

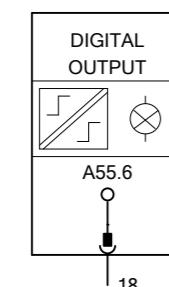
SPARE

SPARE

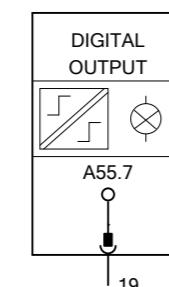
-556A9



-556A9



-556A9

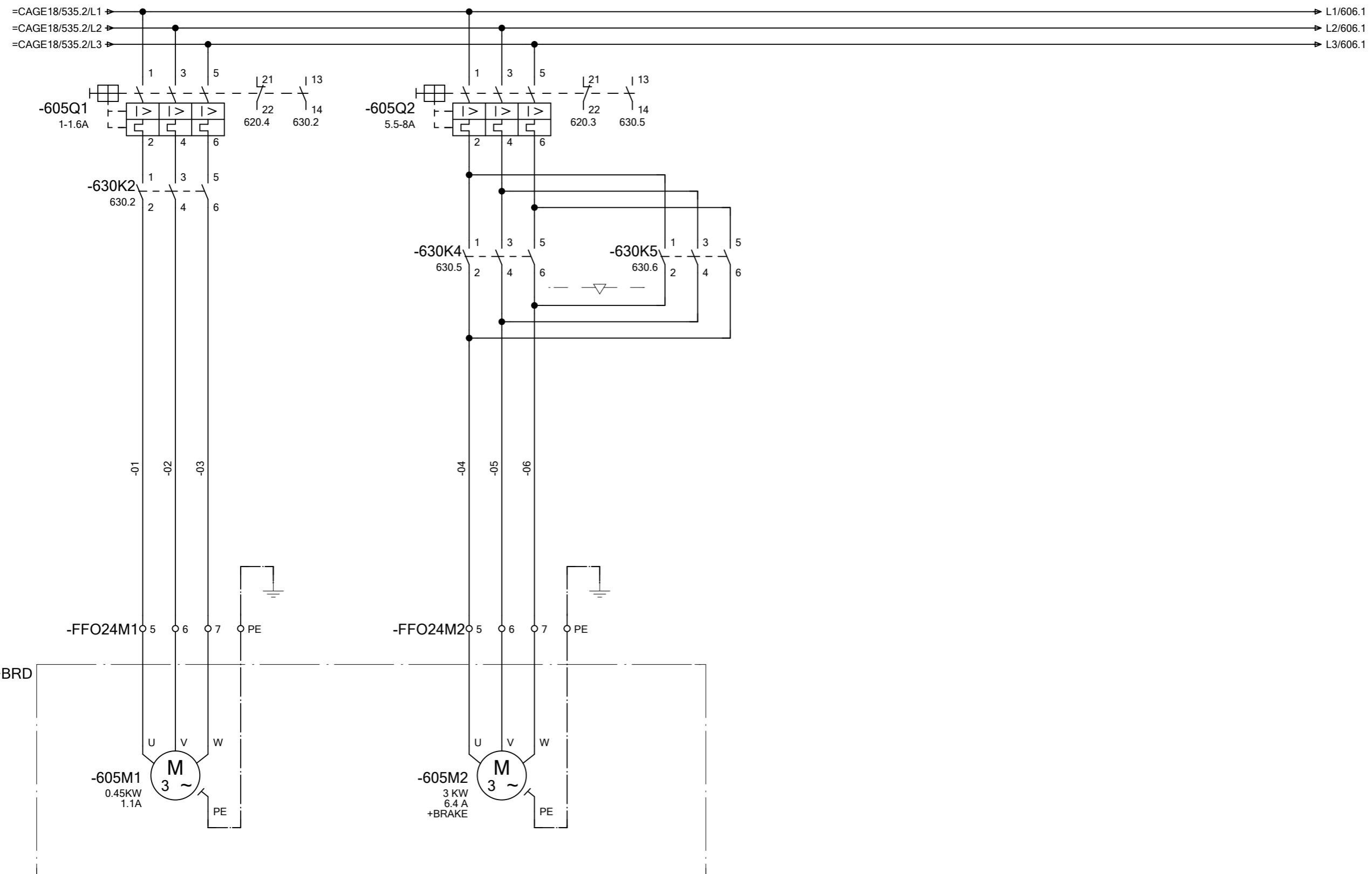


			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS	DW0057070014	= CAGE18
			Dis.to	MF					+ LCP3
								C.19068	FOGLIO 590
Revisione	Data	Nome	NORME	IEC-CEI					Segue =CAGE24+MCB1/605

0 1 2 3 4 5 6 7 8 9

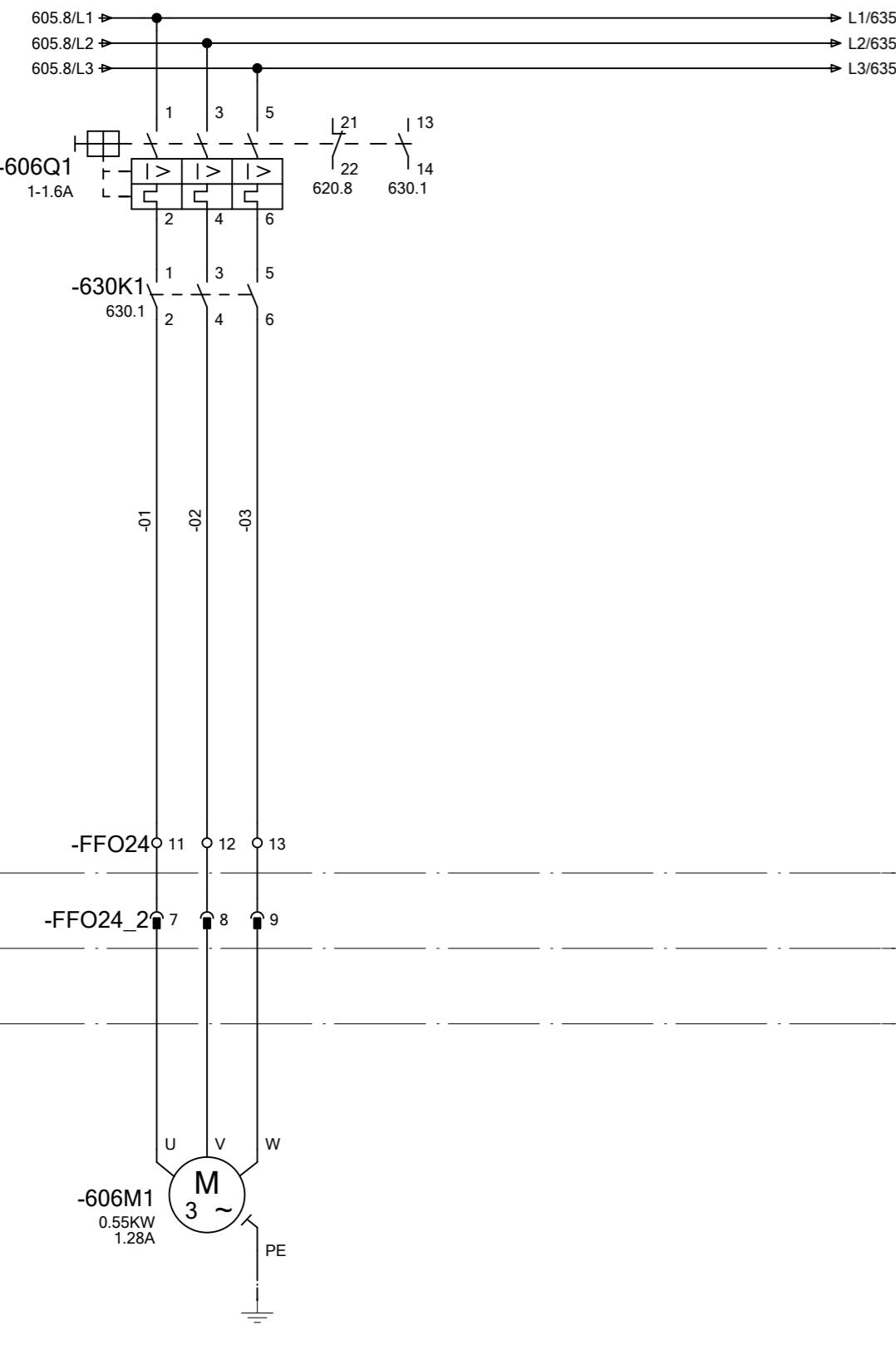
CAGE  
BLOWER MOTOR

LOADING MOTOR

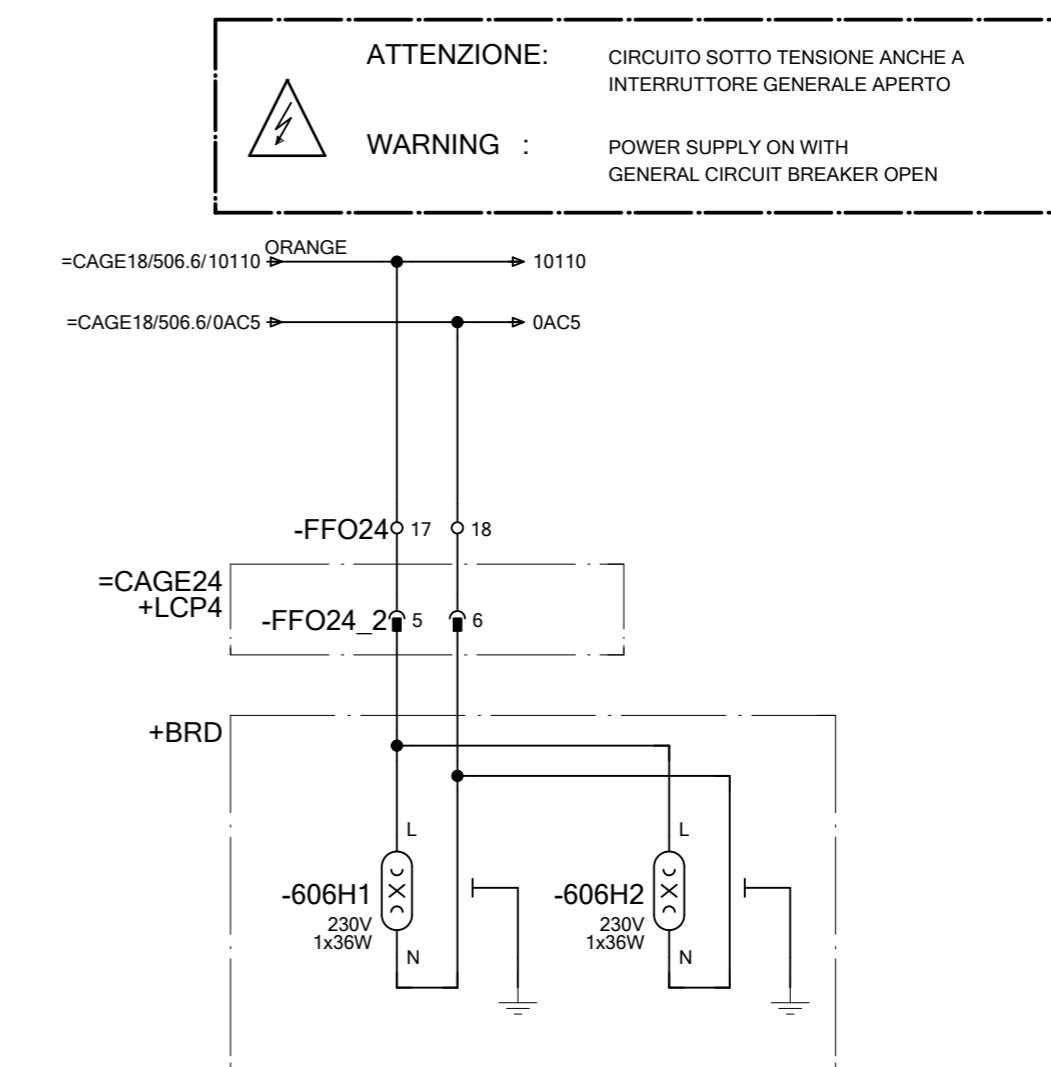


		Data	23.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AC MOTORS	DW0057070014	= CAGE24
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO
								605
							Segue	606

GUARD MOT. BLOWER



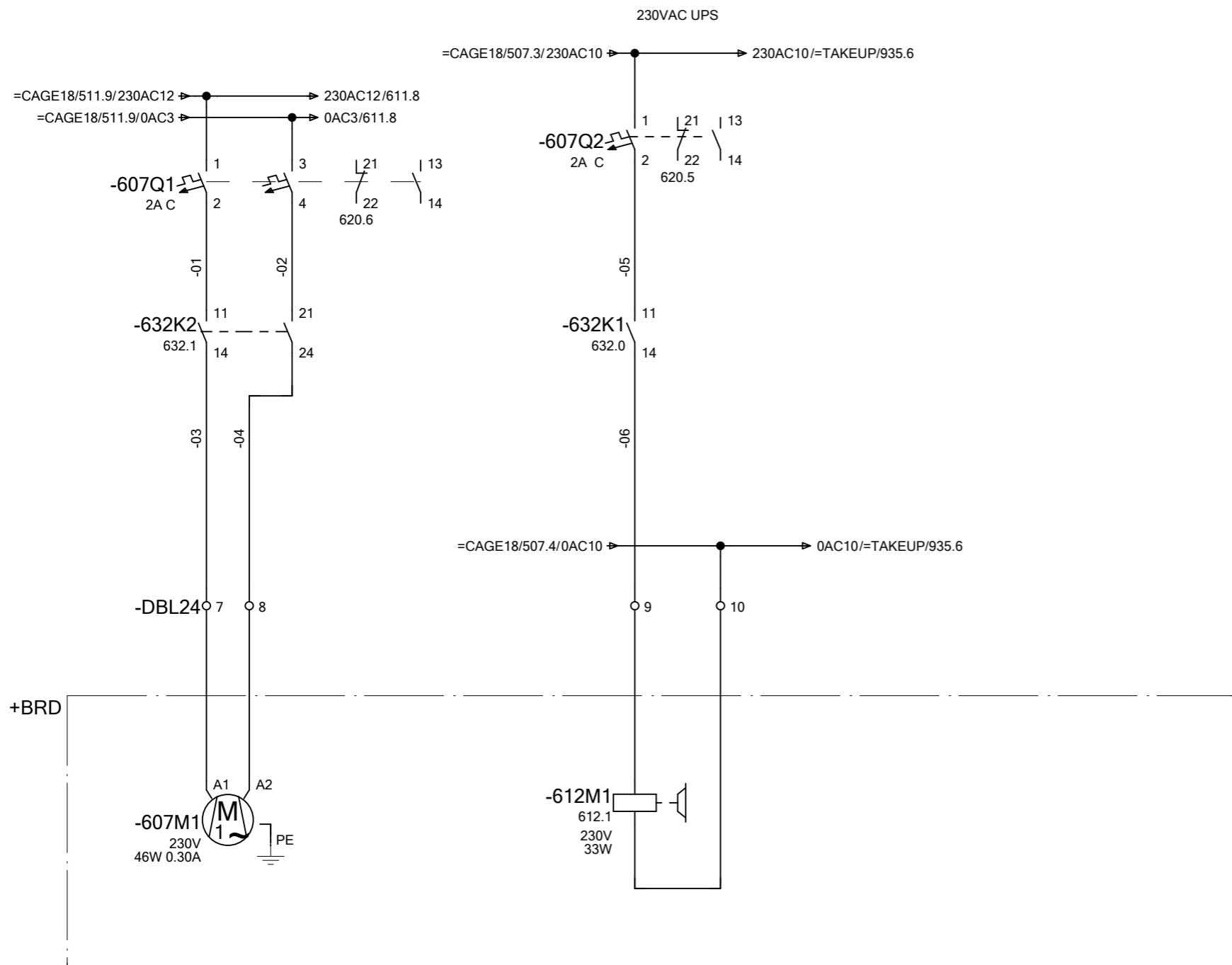
CAGE LIGHTING



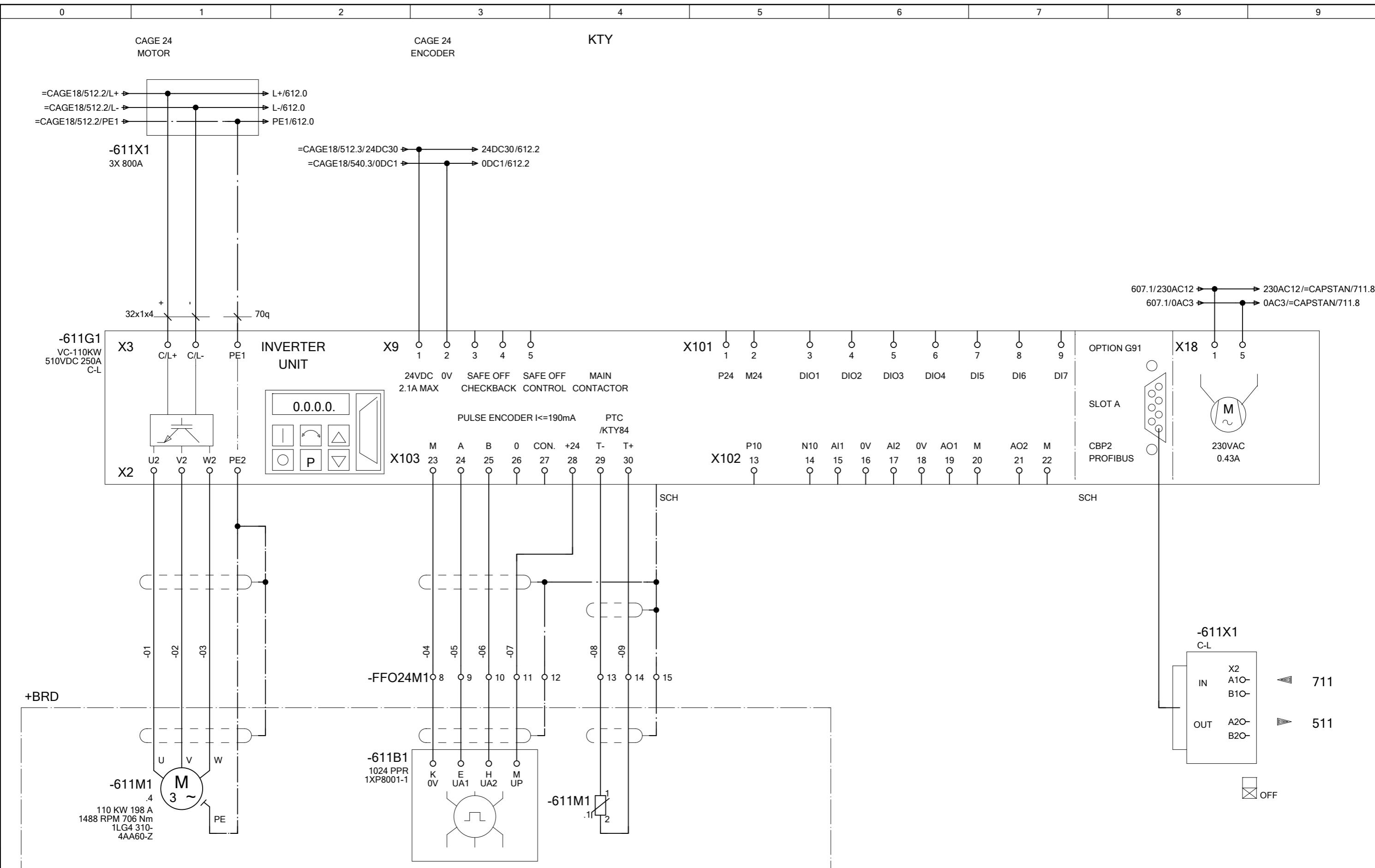
## PREFORMING BLOWER MOTOR

PREFORMING MOT.  
ELECTR. BRAKE

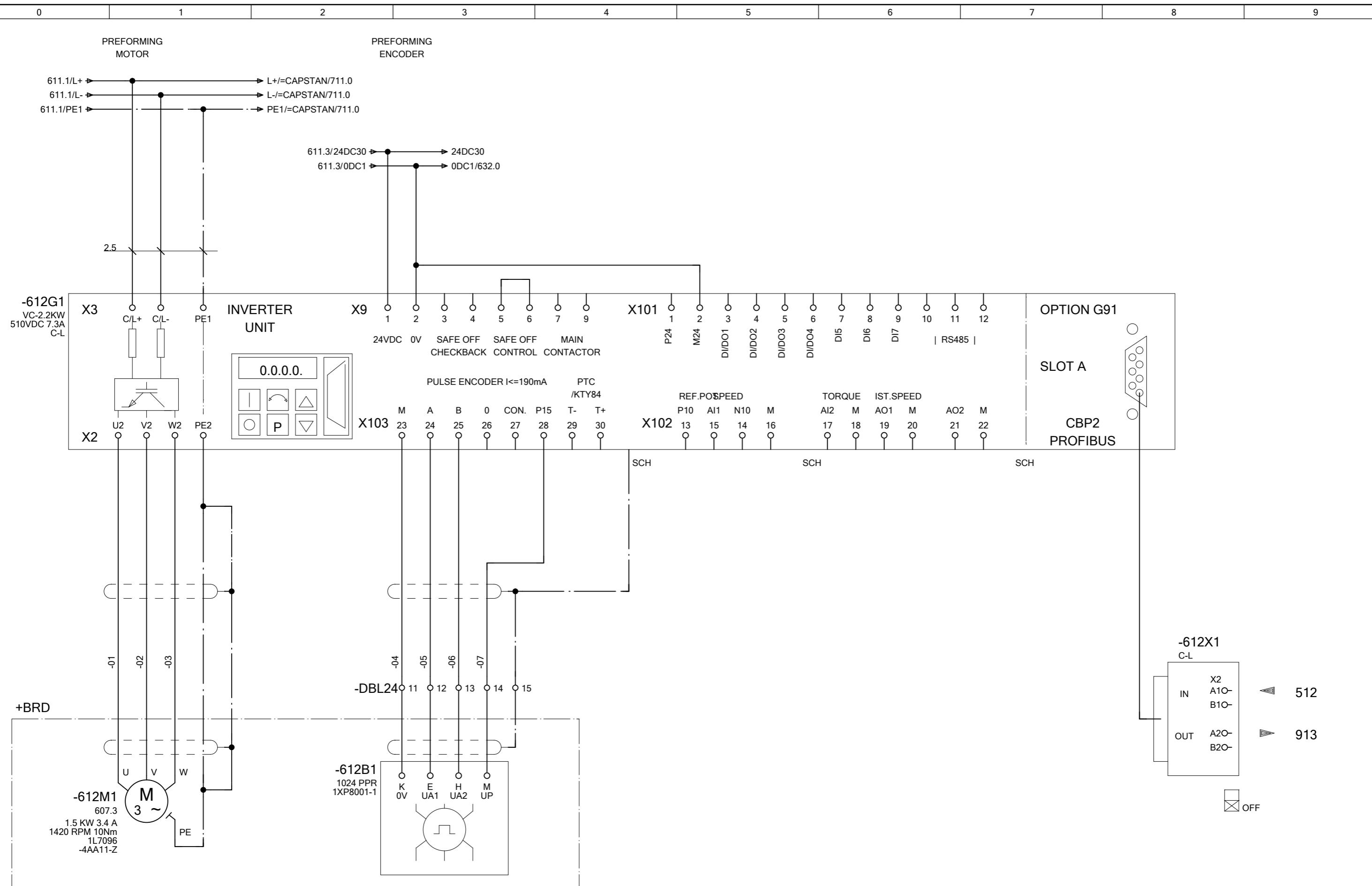
## **WARNING :**

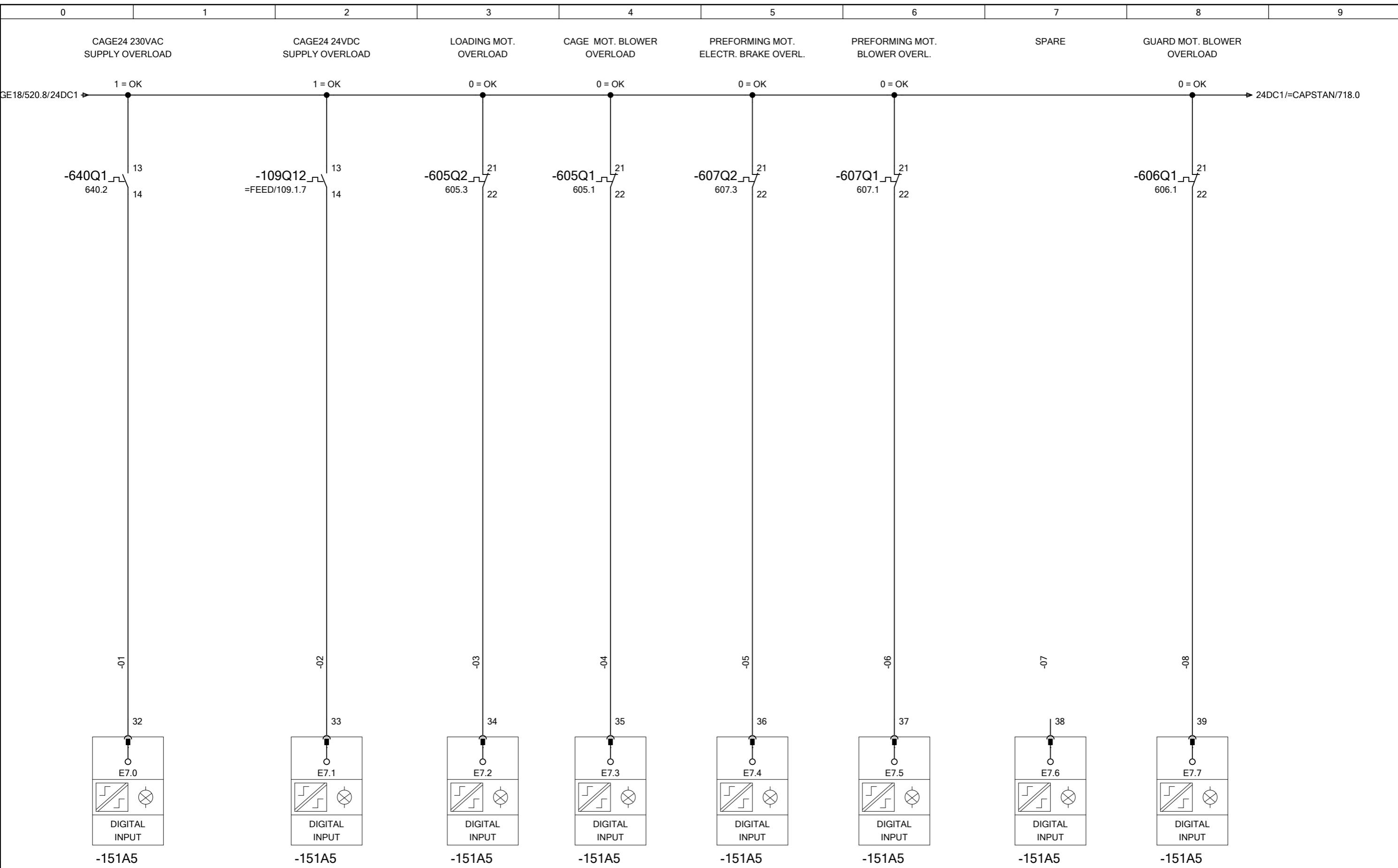


			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	AC MOTORS	DW0057070014  C.19068	= CAGE24
			Dis.to	MF					+ MCB1
									FOGLIO 607
Revisione	Data	Nome	NORME	IEC-CEI					Segue 611

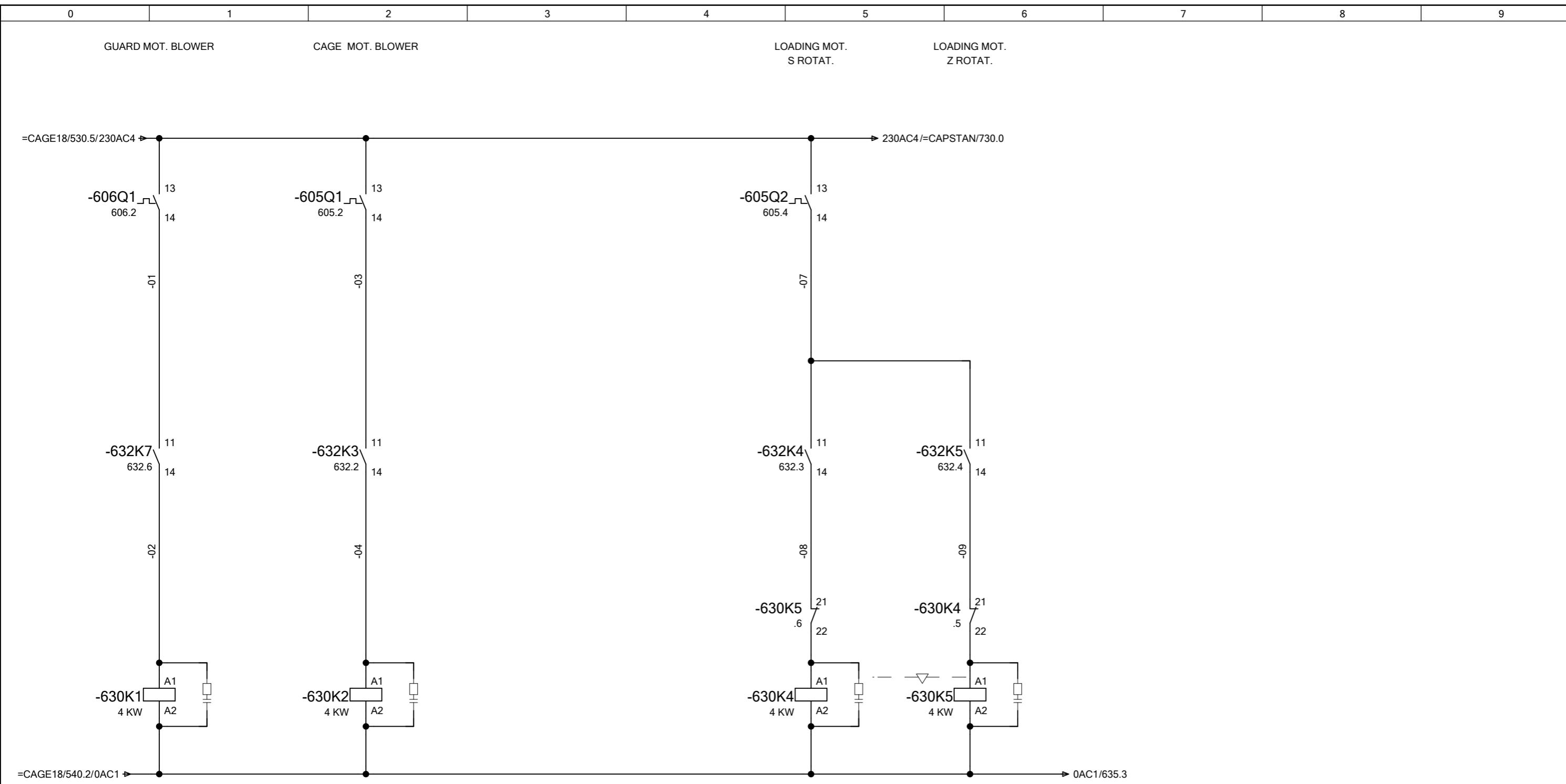


			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	CAGE MOTOR	DW0057070014 C.19068	= CAGE24
			Dis.to	MF					+ MCB1
									FOGLIO 611
Revisione	Data	Nome	NORME	IEC-CEI					Segue 612





			Data	27.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE24	
			Dis.to	MF					+ MCB1	
									FOGLIO	620
Revisione	Data	Nome	NORME	IEC-CEI					Segue	630



1 - / 606.  
3 - / 606.  
5 - / 606.

1 - / 605  
3 - / 605  
5 - / 605

1 -	<u>—</u>	605
3 -	<u>—</u>	605
5 -	<u>—</u>	605
21	<u>L</u> <u>T</u>	.6

$$\begin{array}{r}
 1 - \diagup \quad 605 \\
 3 - \diagup \quad 605 \\
 5 - \diagup \quad 605 \\
 \hline
 21 \lrcorner \quad .5
 \end{array}$$

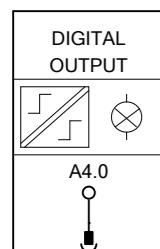
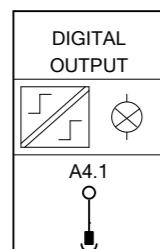
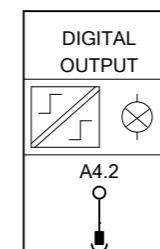
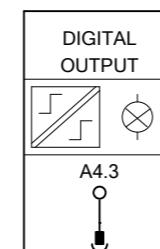
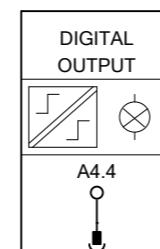
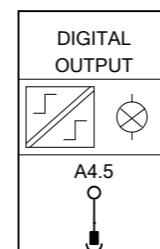
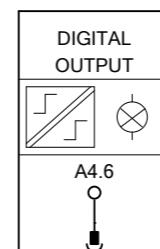
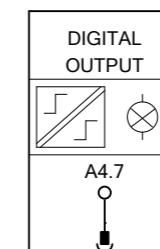
0	1	2	3	4	5	6	7	8	9
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PREFORMING MOT.  
ELECTR. BRAKEPREFORMING  
BLOWER MOTORCAGE MOT.  
BLOWERLOADING MOT.  
S ROTAT.LOADING MOT.  
Z ROTAT.

SPARE

GUARD MOT.  
BLOWER

SPARE

**-151A7****-151A7****-151A7****-151A7****-151A7****-151A7****-151A7****-151A7****-632K1**4SC  
24VDC**-632K2**4SC  
24VDC**-632K3**

24VDC

**-632K4**

24VDC

**-632K5**

24VDC

**-632K7**

24VDC

612.3/0DC1 →

→ 0DC1/640.2

11 - 607.3

11 - 607.1  
21 - 607.1

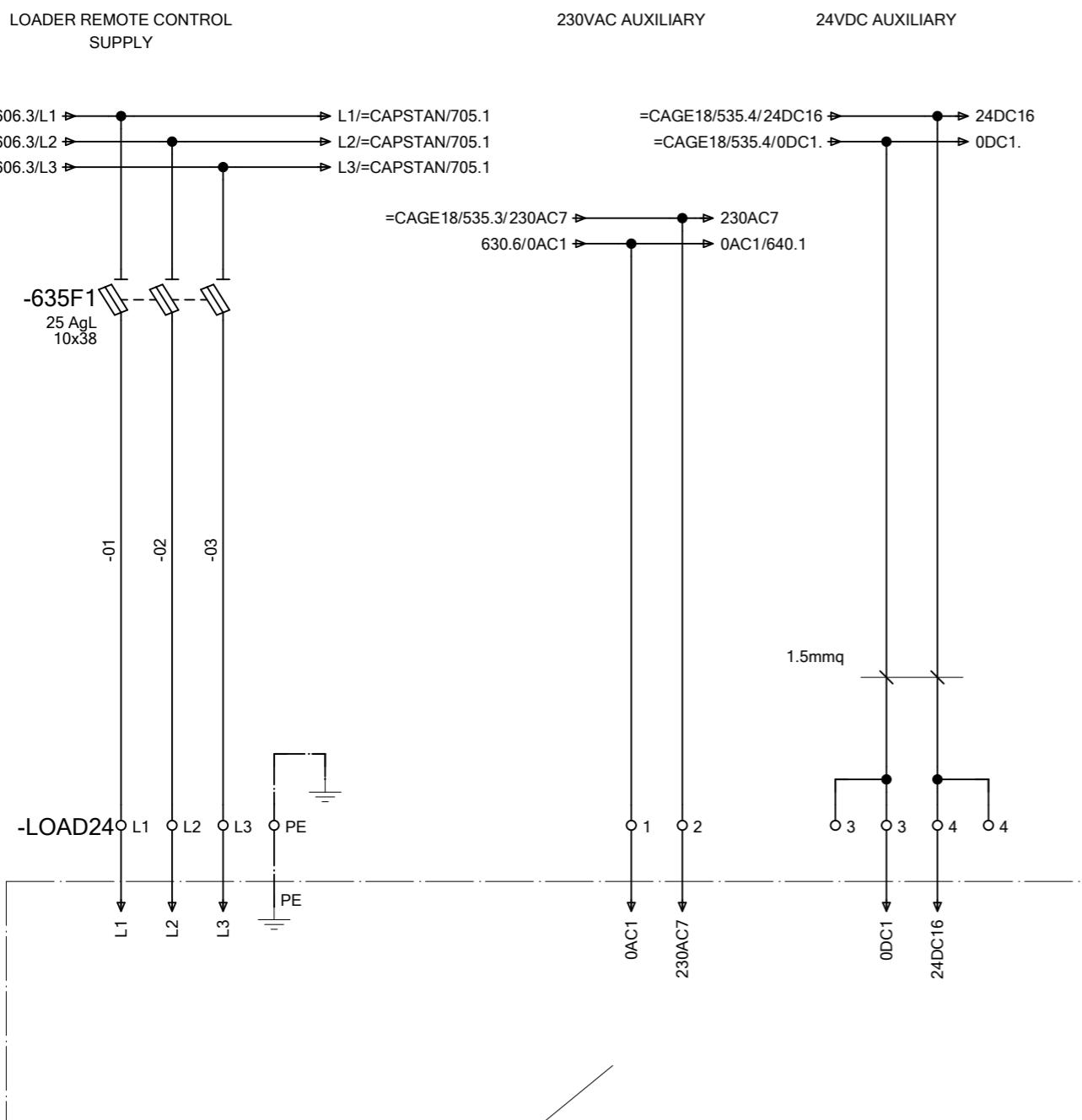
11 - 630.2

11 - 630.5

11 - 630.6

11 - 630.1

		Data	23.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS SPARE	DW0057070014 C.19068	= CAGE24 + MCB1 FOGLIO Segue
		Dis.to	MF					
Revisione	Data	Nome	NORME	IEC-CEI				632 635



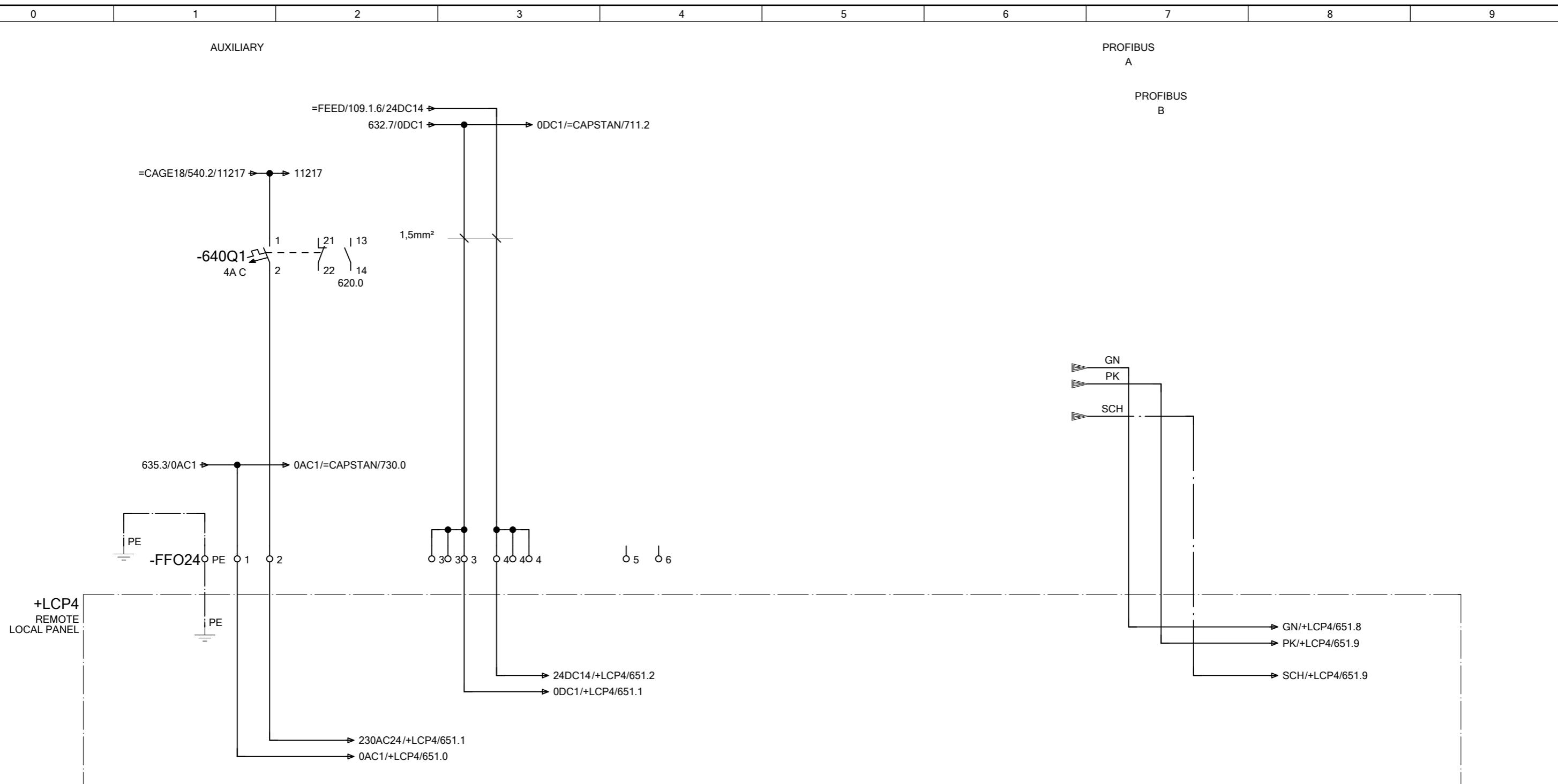
TO SEE DW0060  
SHEET 241

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	LOADER REMOTE CONTROL SUPPLY	DW0057070014  C.19068	= CAGE24
			Dis.to	MF					+ MCB1
									FOGLIO 635
Revisione	Data	Nome	NORME	IEC-CEI					Segue 636

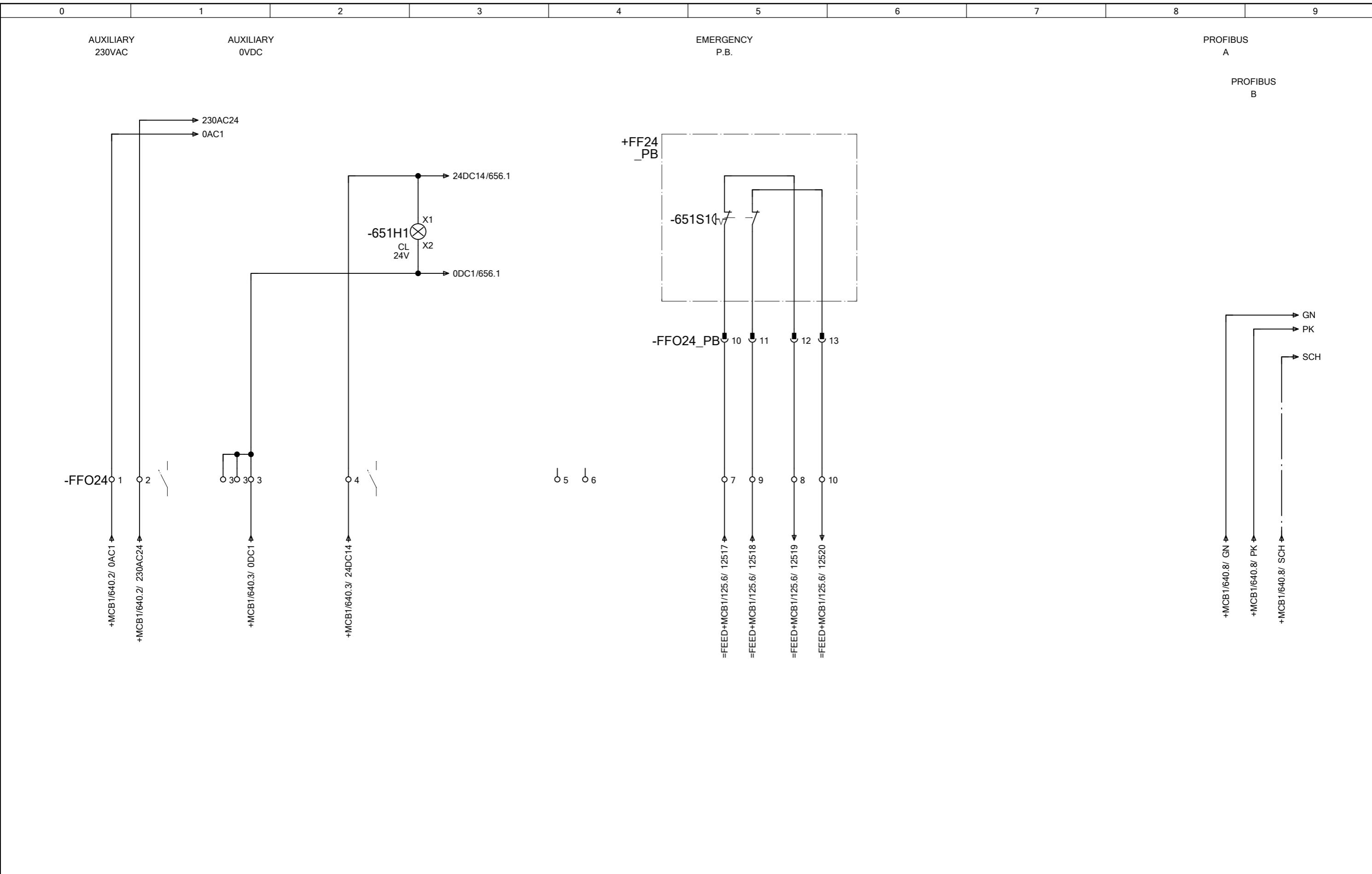
0	1	2	3	4	5	6	7	8	9
LOADER IN STAND BY	LOADER INSIDE CAGE	LOADER CLAMP OPEN	LOADER OUT OF CAGE		CAGE LOADER ENABLE	PRESENCE OF BOBBIN INSIDE CAGE	LOADER LOCK PISTON INSERTED	CAGE PINTLE OPEN	

**DEFINIRE GLI INDIRIZZI DI INGRESSI E USCITE**

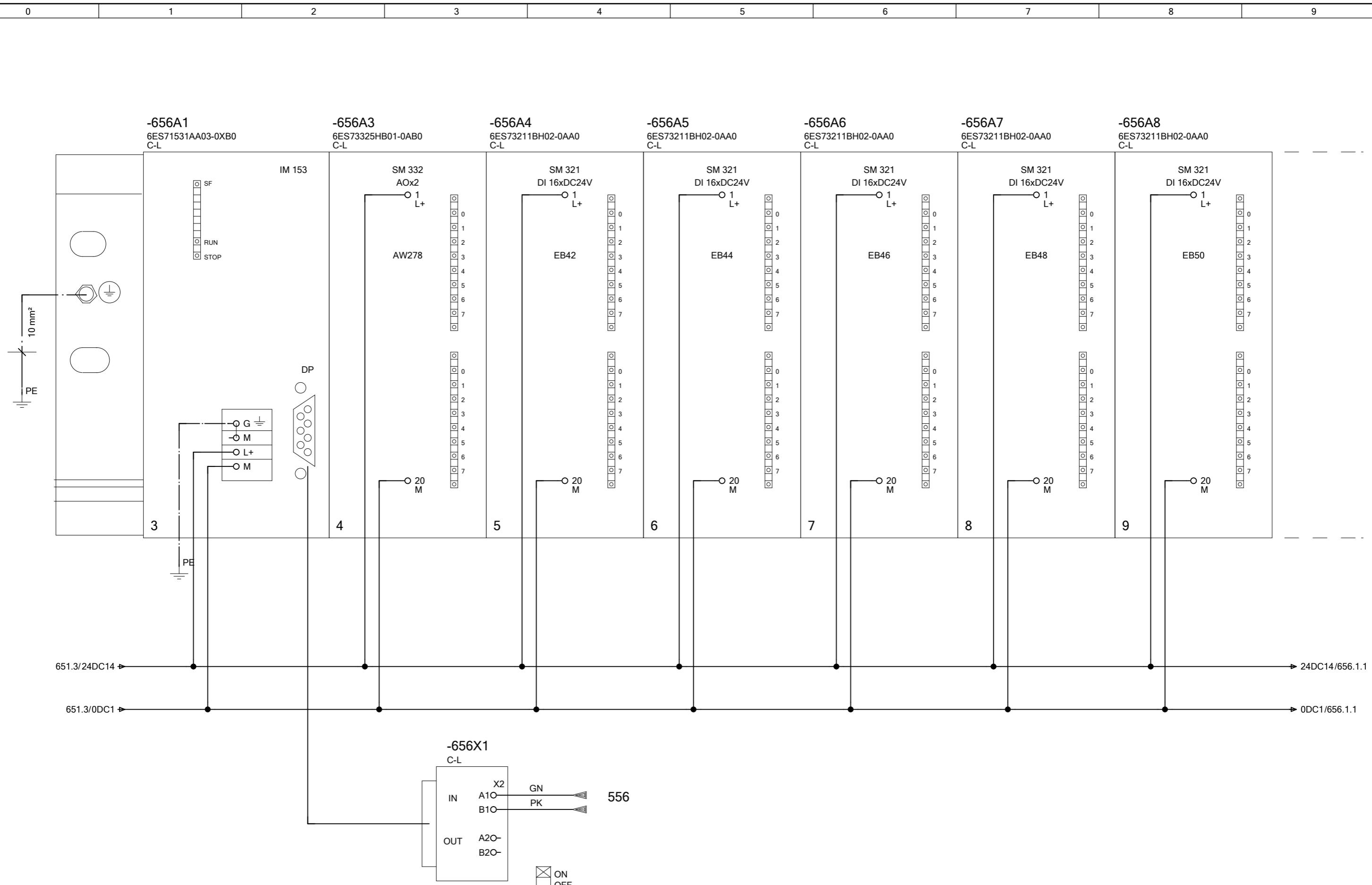
## **DEFINIRE GLI INDIRIZZI DI INGRESSI E USCITE**

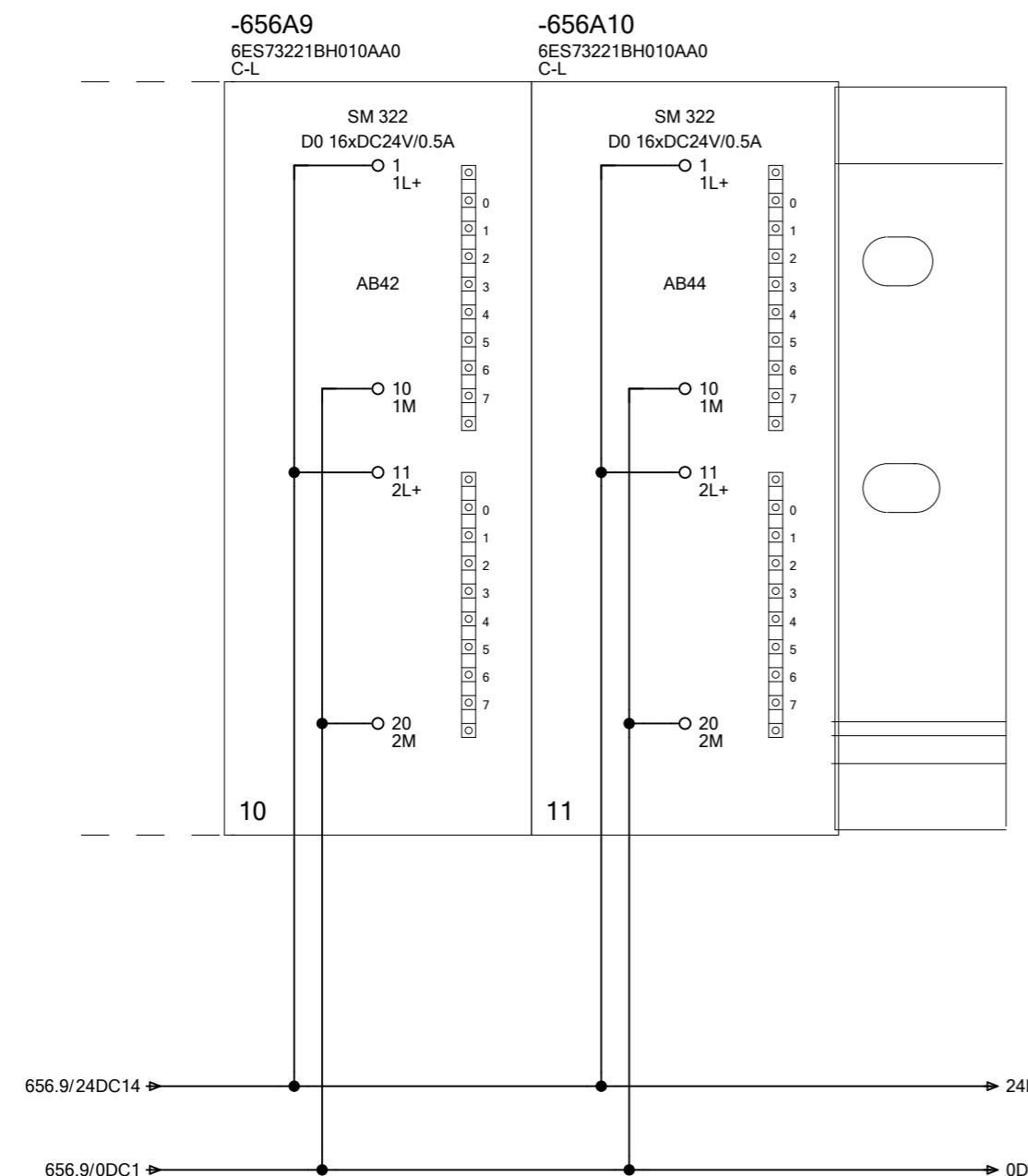


		Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	SUPPLY DISTRIBUTION	DW0057070014	= CAGE24
		Dis.to	MF				+ MCB1	
							FOGLIO	640
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	Segue +LCP4/651



			Data	23.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	SUPPLY DISTRIBUTION	DW0057070014 C.19068	= CAGE24 + LCP4 FOGLIO Segue
			Dis.to	MF					651
Revisione	Data	Nome	NORME	IEC-CEI					656





0	1	2	3	4	5	6	7	8	9
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-656A3

/659.1	— <sup>3</sup> ○ AW278
	— <sup>4</sup> ○
	— <sup>5</sup> ○
	— <sup>6</sup> ○
/659.3	— <sup>7</sup> ○ AW280
	— <sup>8</sup> ○
	— <sup>9</sup> ○
	— <sup>10</sup> ○

-656A4

/661.1	— <sup>2</sup> ○ E42.0
/661.2	— <sup>3</sup> ○ .1
/661.3	— <sup>4</sup> ○ .2
/661.4	— <sup>5</sup> ○ .3
/661.5	— <sup>6</sup> ○ .4
/661.6	— <sup>7</sup> ○ .5
/661.7	— <sup>8</sup> ○ .6
/661.8	— <sup>9</sup> ○ .7

-656A5

/663.1	— <sup>2</sup> ○ E44.0
/663.2	— <sup>3</sup> ○ .1
/663.3	— <sup>4</sup> ○ .2
/663.4	— <sup>5</sup> ○ .3
/663.5	— <sup>6</sup> ○ .4
/663.6	— <sup>7</sup> ○ .5
/663.7	— <sup>8</sup> ○ .6
/663.8	— <sup>9</sup> ○ .7

-656A6

/665.1	— <sup>2</sup> ○ E46.0
/665.2	— <sup>3</sup> ○ .1
/665.3	— <sup>4</sup> ○ .2
/665.4	— <sup>5</sup> ○ .3
/665.5	— <sup>6</sup> ○ .4
/665.6	— <sup>7</sup> ○ .5
/665.7	— <sup>8</sup> ○ .6
/665.8	— <sup>9</sup> ○ .7

-656A7

/667.7	— <sup>2</sup> ○ E48.0
/667.8	— <sup>3</sup> ○ .1
/668.2	— <sup>4</sup> ○ .2
/668.2	— <sup>5</sup> ○ .3
/668.3	— <sup>6</sup> ○ .4
/668.4	— <sup>7</sup> ○ .5
/668.5	— <sup>8</sup> ○ .6
/668.6	— <sup>9</sup> ○ .7

-656A8

/669.7	— <sup>2</sup> ○ E50.0
/669.8	— <sup>3</sup> ○ .1
/670.2	— <sup>4</sup> ○ .2
/670.2	— <sup>5</sup> ○ .3
/670.3	— <sup>6</sup> ○ .4
/670.4	— <sup>7</sup> ○ .5
/670.5	— <sup>8</sup> ○ .6
/670.6	— <sup>9</sup> ○ .7

-656A9

/682.0	— <sup>2</sup> ○ A42.0
/682.1	— <sup>3</sup> ○ .1
/682.2	— <sup>4</sup> ○ .2
/683.1	— <sup>5</sup> ○ .3
/683.2	— <sup>6</sup> ○ .4
/683.3	— <sup>7</sup> ○ .5
/683.4	— <sup>8</sup> ○ .6
/684.0	— <sup>9</sup> ○ .7

-656A10

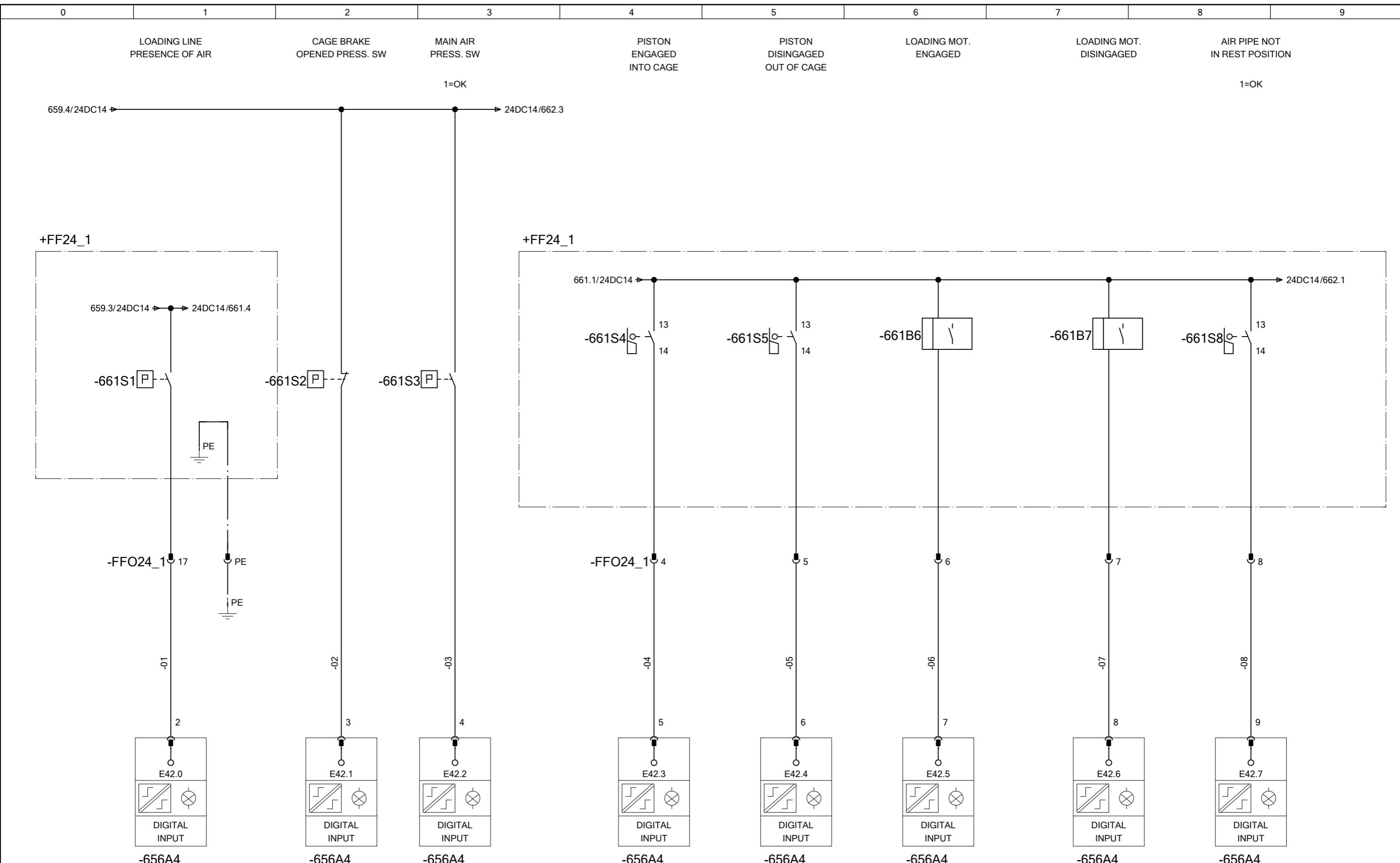
/687.1	— <sup>2</sup> ○ A44.0
/687.2	— <sup>3</sup> ○ .1
/687.3	— <sup>4</sup> ○ .2
/687.4	— <sup>5</sup> ○ .3
/687.5	— <sup>6</sup> ○ .4
/688.0	— <sup>7</sup> ○ .5
/688.1	— <sup>8</sup> ○ .6
/688.2	— <sup>9</sup> ○ .7

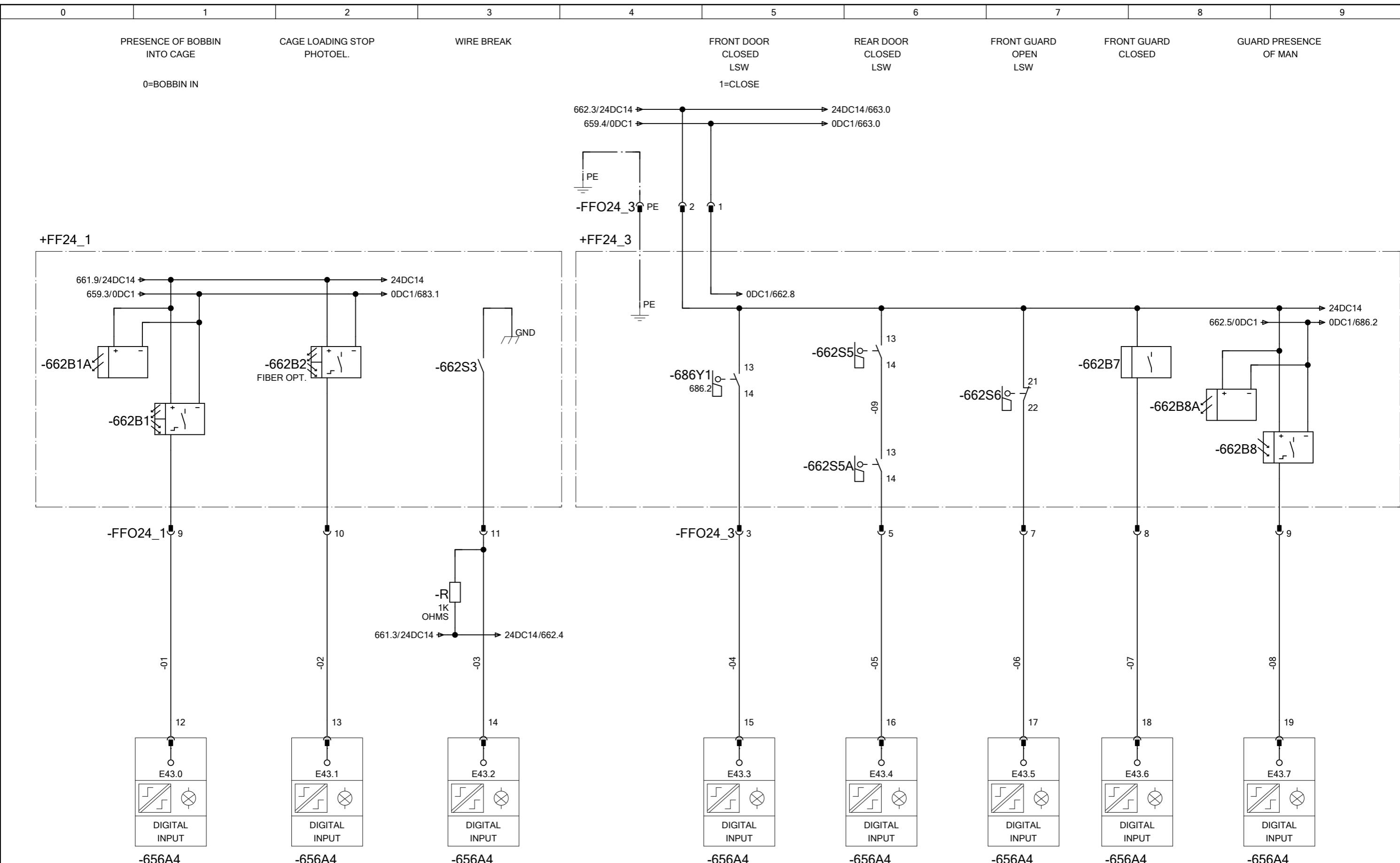
		Data	24.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	ET200M	DW0057070014	= CAGE24
		Dis.to	MF	1+6+12+18+24 B/630				+ LCP4
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO

657.1

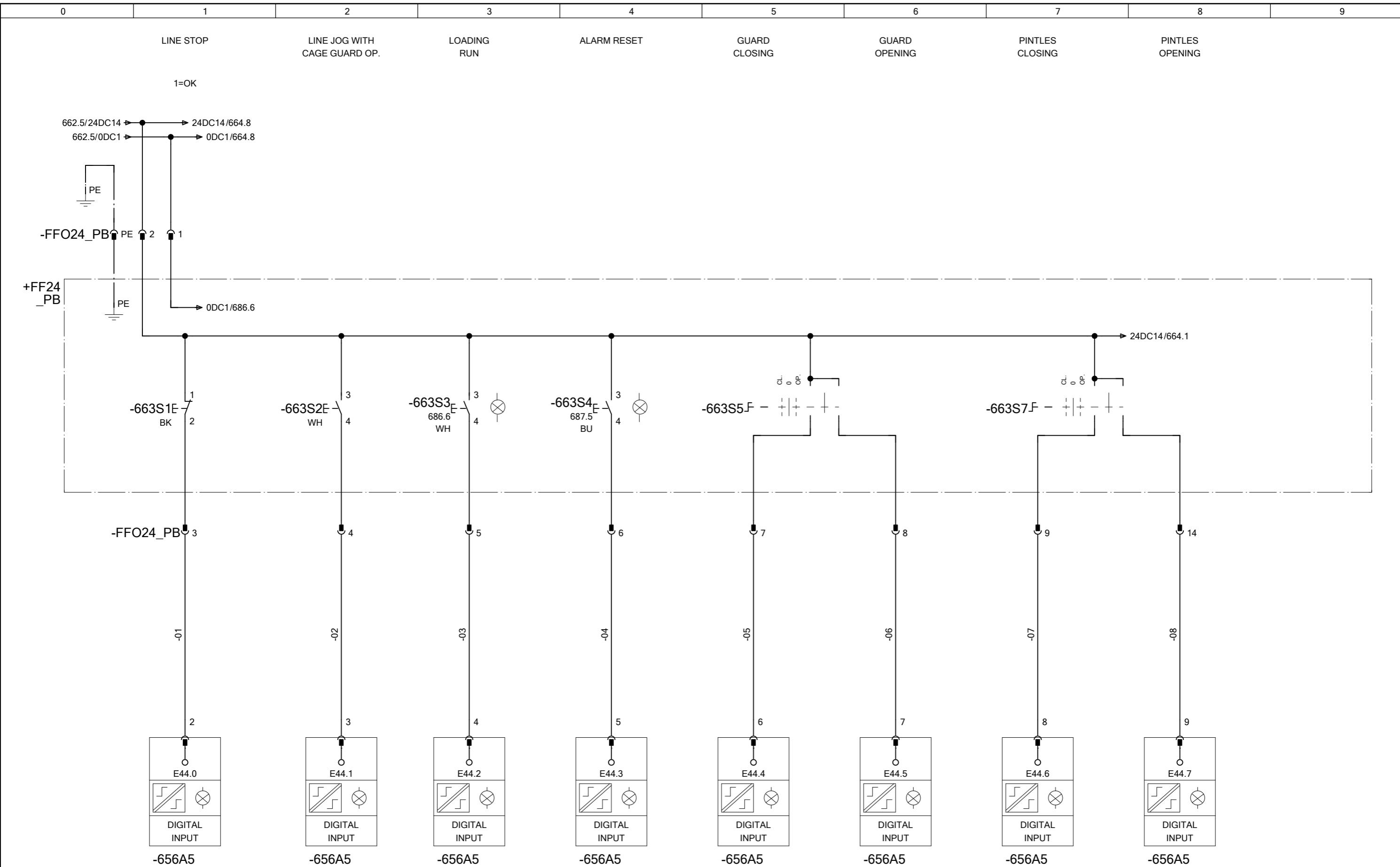
Segue 659



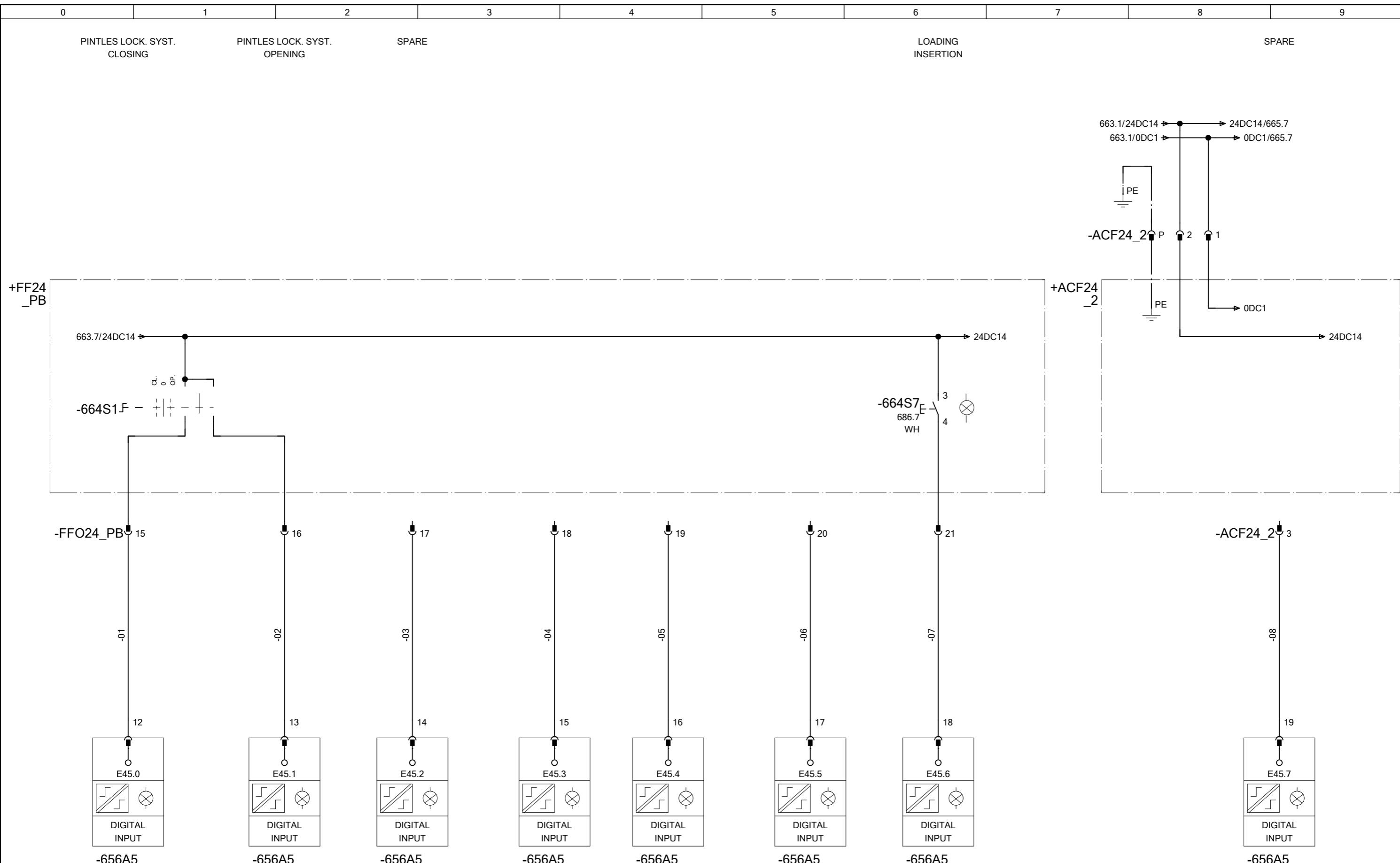




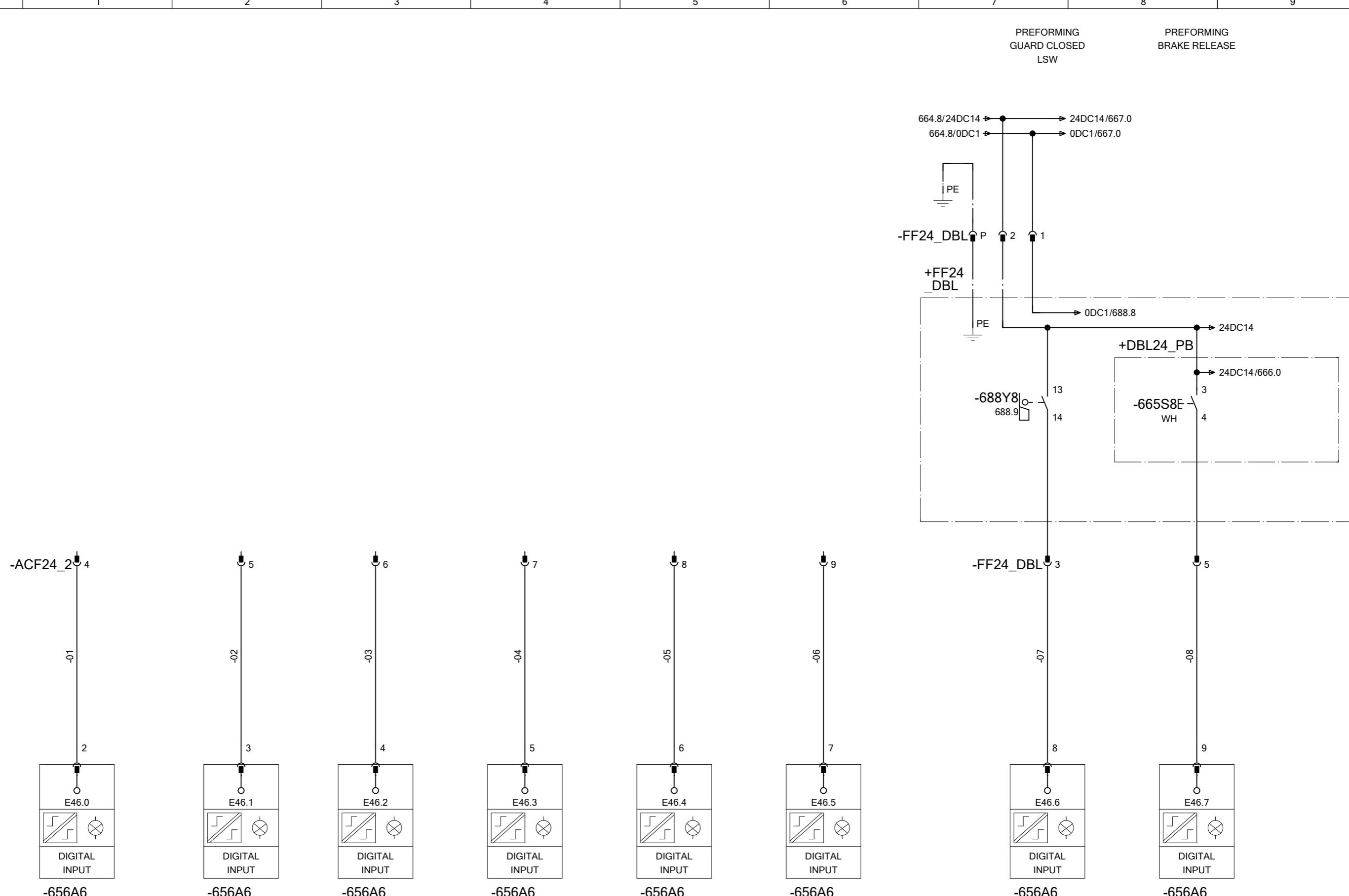
			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE24
			Dis.to	MF					+ LCP4
									FOGLIO 662
Revisione	Data	Nome	NORME	IEC-CEI					Segue 663



		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL INPUTS	DW0057070014	= CAGE24
		Dis.to	MF	1+6+12+18+24 B/630				+ LCP4
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO
								Segue



			Data	23.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE24
			Dis.to	MF					+ LCP4
									FOGLIO 664
Revisione	Data	Nome	NORME	IEC-CEI					Segue 665



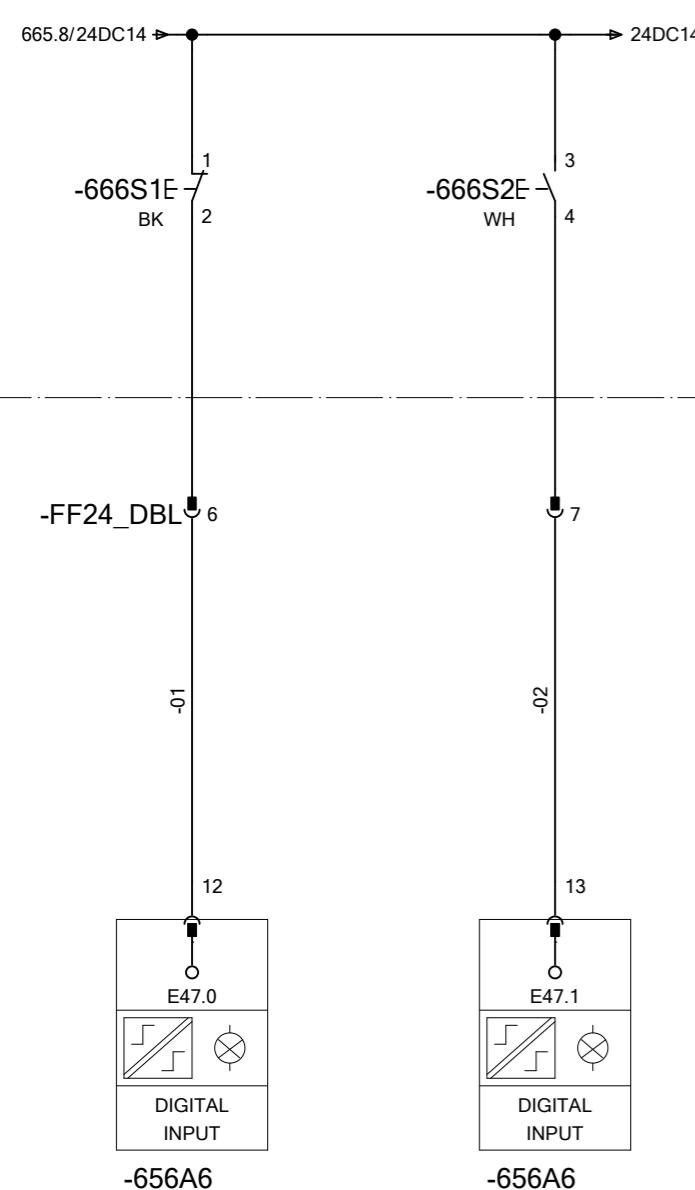
			Data	23.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE24
			Dis.to	MF					+ LCP4
									FOGLIO 665
Revisione	Data	Nome	NORME	IEC-CEI					Segue 666

0	1	2	3	4	5	6	7	8	9
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PREFORMING  
LINE STOP

PREFORMING  
LINE JOG

+DBL24\_PB



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL INPUTS	DW0057070014	= CAGE24
			Dis.to	MF	1+6+12+18+24 B/630				+ LCP4
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 666

0 1 2 3 4 5 6 7 8 9

BOBBIN 1  
BREAK OF WIRE  
AND DIAMETER CALCUL.

BOBBIN 2  
BREAK OF WIRE

BOBBIN 3  
BREAK OF WIRE

BOBBIN 4  
BREAK OF WIRE

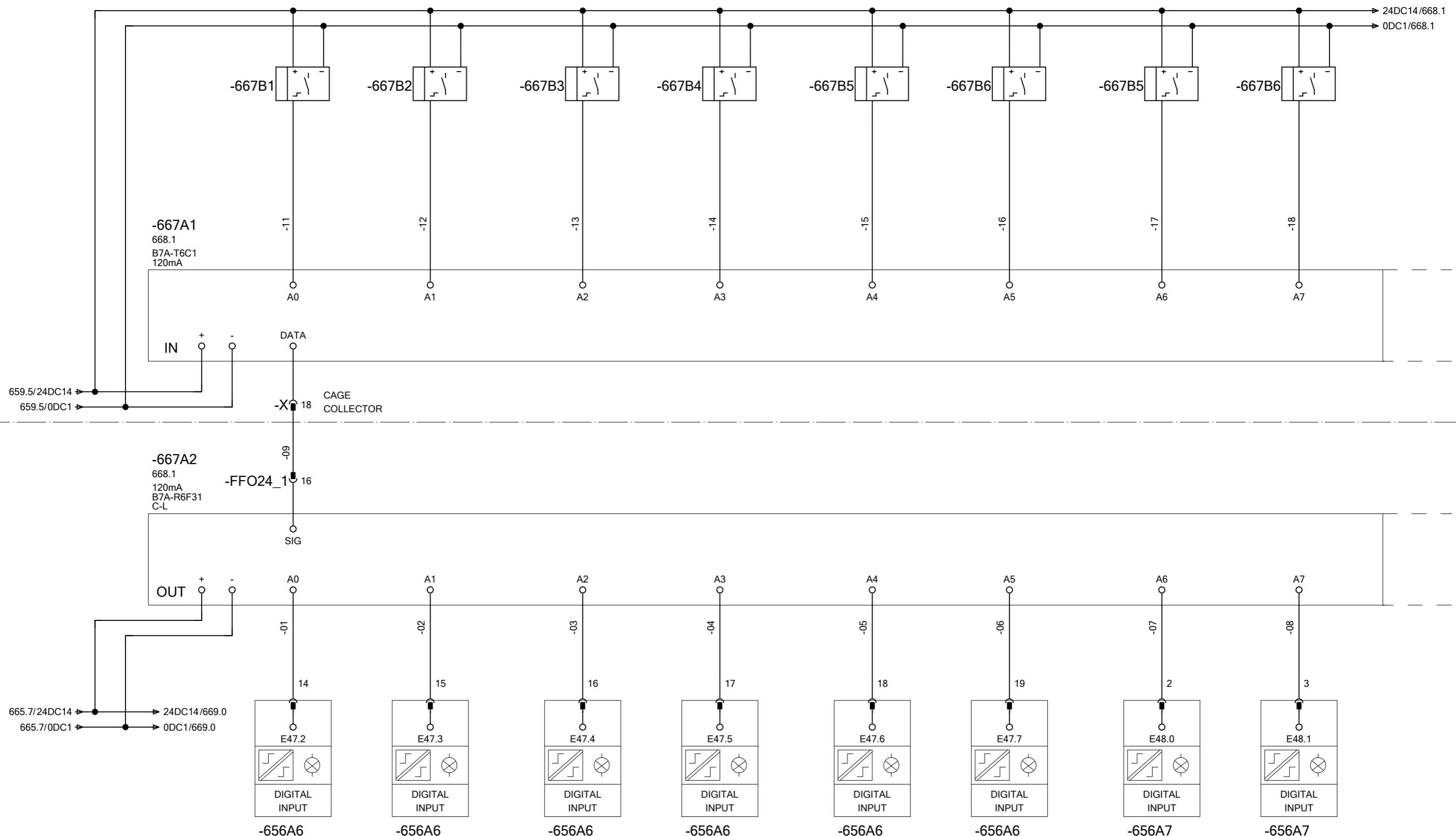
BOBBIN 5  
BREAK OF WIRE

BOBBIN 6  
BREAK OF WIRE

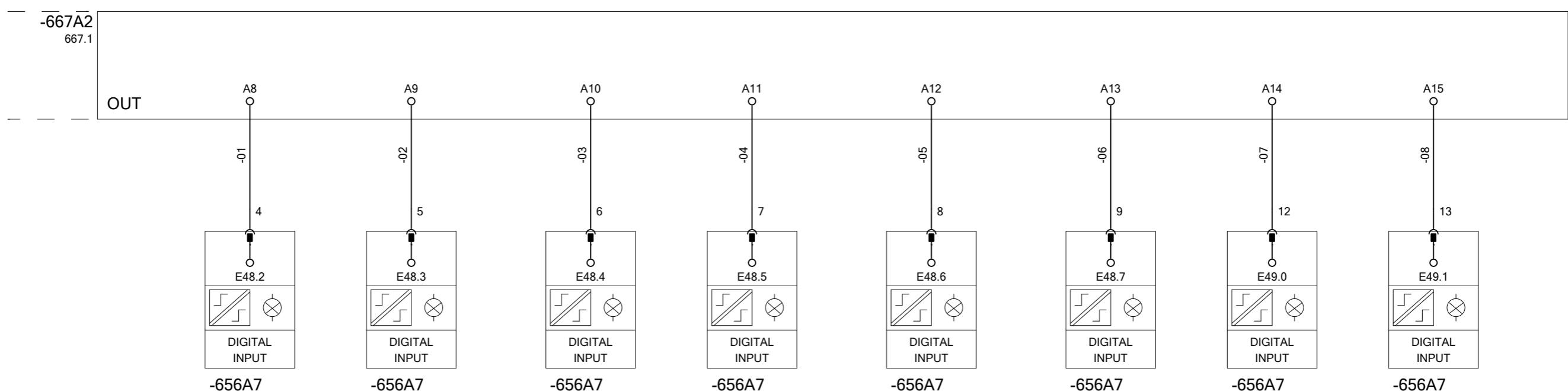
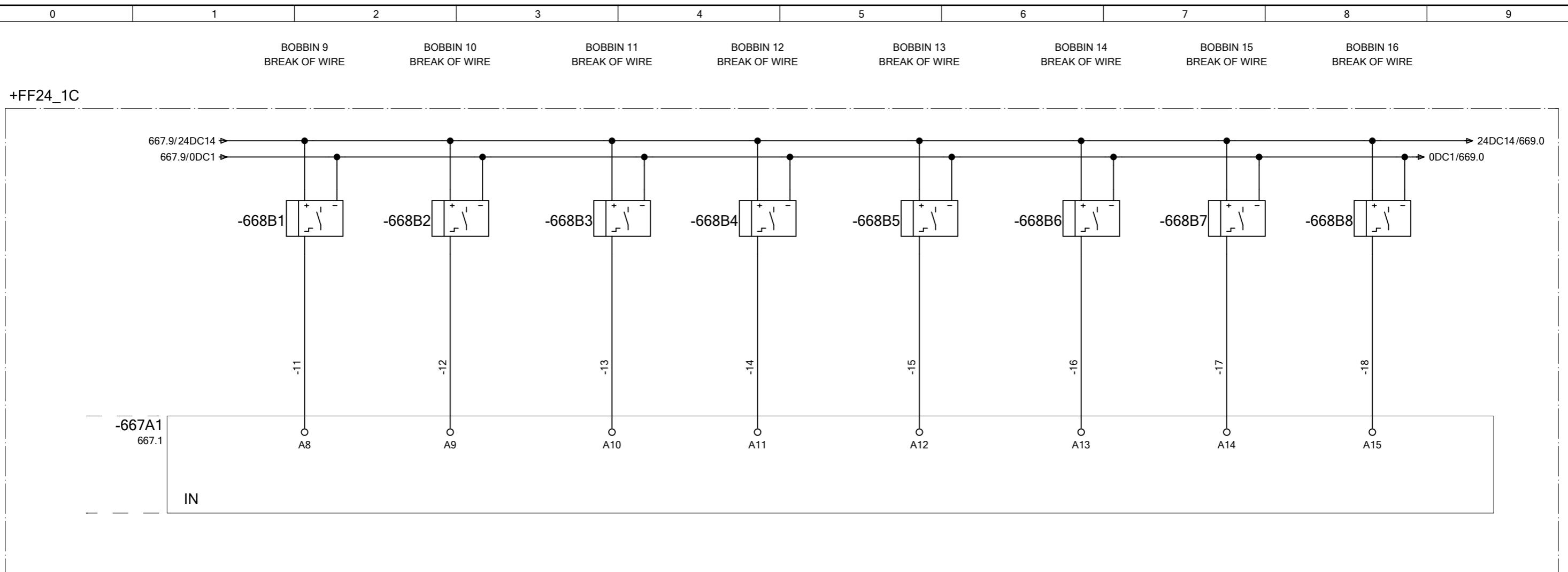
BOBBIN 7  
BREAK OF WIRE

BOBBIN 8  
BREAK OF WIRE

+FF24\_1C



		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL INPUTS	DW0057070014	= CAGE24
		Dis.to	MF	1+6+12+18+24 B/630				+ LCP4
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO
								Segue



0 1 2 3 4 5 6 7 8 9

BOBBIN 17  
BREAK OF WIRE

BOBBIN 18  
BREAK OF WIRE

BOBBIN 19  
BREAK OF WIRE

BOBBIN 20  
BREAK OF WIRE

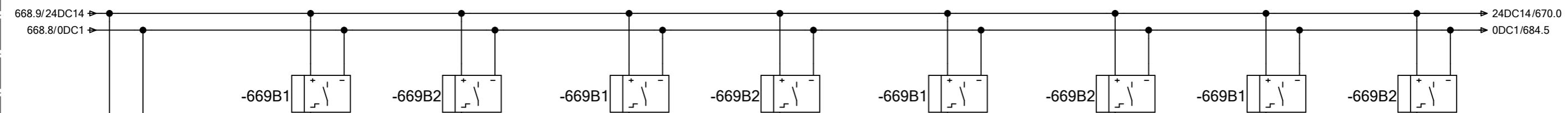
BOBBIN 21  
BREAK OF WIRE

BOBBIN 22  
BREAK OF WIRE

BOBBIN 23  
BREAK OF WIRE

BOBBIN 24  
BREAK OF WIRE

+FF24\_1C



-669A1  
670.1  
B7A-T6C1  
120mA

-669B1

-669B2

-669B1

-669B2

-669B1

-669B2

-669B1

-669B2

-669B1

-11

-12

-13

-14

-15

-16

-17

-18

A0

A1

A2

A3

A4

A5

A6

A7

IN

DATA

CAGE  
COLLECTOR

-FFO24\_1

-669A2

670.1

120mA

B7A-R6F31

22

SIG

OUT

+

-

A0

A1

A2

A3

A4

A5

A6

A7

01

02

03

04

05

06

07

08

14

15

16

17

18

19

2

3

667.1/24DC14

667.1/0DC1

24DC14/684.5

0DC1/682.0

E49.2  
DIGITAL  
INPUT

E49.3  
DIGITAL  
INPUT

E49.4  
DIGITAL  
INPUT

E49.5  
DIGITAL  
INPUT

E49.6  
DIGITAL  
INPUT

E49.7  
DIGITAL  
INPUT

E50.0  
DIGITAL  
INPUT

E50.1  
DIGITAL  
INPUT

-656A7

-656A7

-656A7

-656A7

-656A7

-656A7

-656A7

-656A8

-656A8

		Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE24 + LCP4 FOGLIO Segue
		Dis.to	MF					
Revisione	Data	Nome	NORME	IEC-CEI				669

0	1	2	3	4	5	6	7	8	9
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BOBBIN BRAKES  
AIR TANK  
PRESSURE SW.

PINTLES OPEN  
LINE 1

PINTLES OPEN  
LINE 2

PINTLES OPEN  
LINE 3

SPARE

SPARE

SPARE

SPARE

+FF24\_1C

669.9/24DC14 → 24DC14

-670S1 [P] -670S2 [O] -670S3 [O] -670S4 [O]

13 3 13 13  
14 4 14 14  
-11 -12 -13 -14  
-15 -16 -17 -18

-669A1 669.1 [ ] IN

A8 A9 A10 A11 A12 A13 A14 A15

-669A2 669.1 [ ] OUT

A8 A9 A10 A11 A12 A13 A14 A15

.01 .02 .03 .04 .05 .06 .07 .08  
4 5 6 7 8 9 12 13  
E50.2 E50.3 E50.4 E50.5 E50.6 E50.7 E51.0 E51.1  
DIGITAL INPUT DIGITAL INPUT

-656A8 -656A8 -656A8 -656A8 -656A8 -656A8 -656A8 -656A8

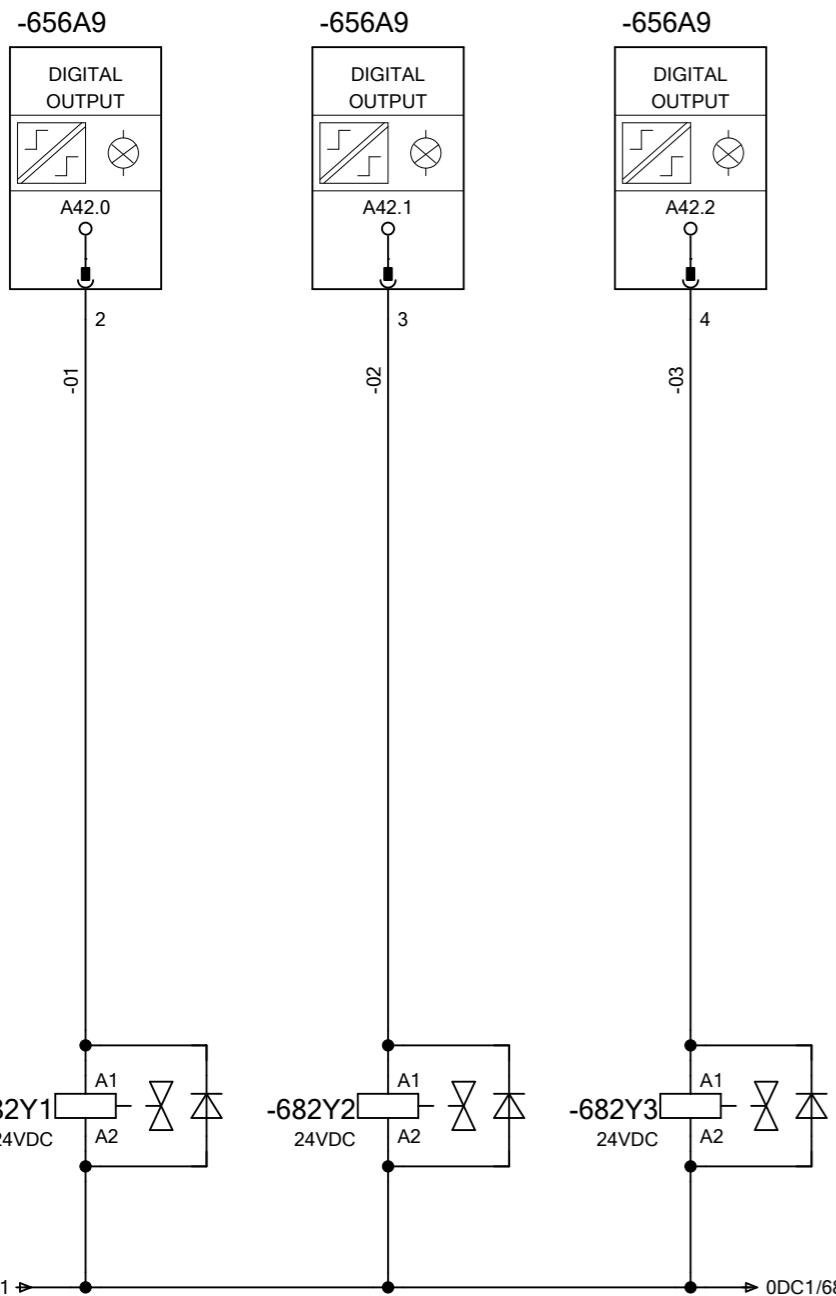
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		Dis.to	MF	1+6+12+18+24 B/630				+ LCP4
		Nome	NORME	IEC-CEI	BERGAMO - ITALY -		C.19068	FOGLIO
Revisione	Data							Segue 675

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0057070014 C.19068	= CAGE24
			Dis.to	MF					+ LCP4
									FOGLIO 675
Revisione	Data	Nome	NORME	IEC-CEI					Segue 682

LOADING MOT  
ENGAGING

LOADING MOT  
DISINTEGRATING

CAGE  
STATIONARY BRAKE



			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS	DW0057070014	= CAGE24
			Dis.to	MF				+ LCP4	
								FOGLIO	682
Revisione	Data	Nome	NORME	IEC-CEI				C.19068	Segue 683

0 1 2 3 4 5 6 7 8 9

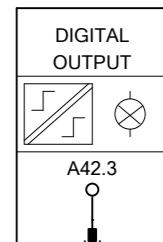
OPEN AIR  
IN CAGE

CLOSE AIR  
IN CAGE

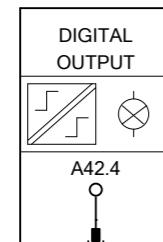
LOADING PINSTON  
ENGAGING INTO CAGE

LOADING PINSTON  
DISENGAGING INTO CAGE

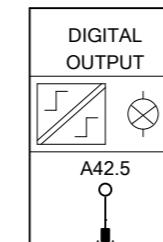
-656A9



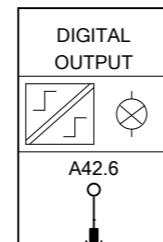
-656A9



-656A9



-656A9



-FFO24\_1

18

19

20

21

+FF24\_1

-683Y1

24VDC

A1

A2

-683Y2

24VDC

A1

A2

-683Y3

24VDC

A1

A2

-683Y4

24VDC

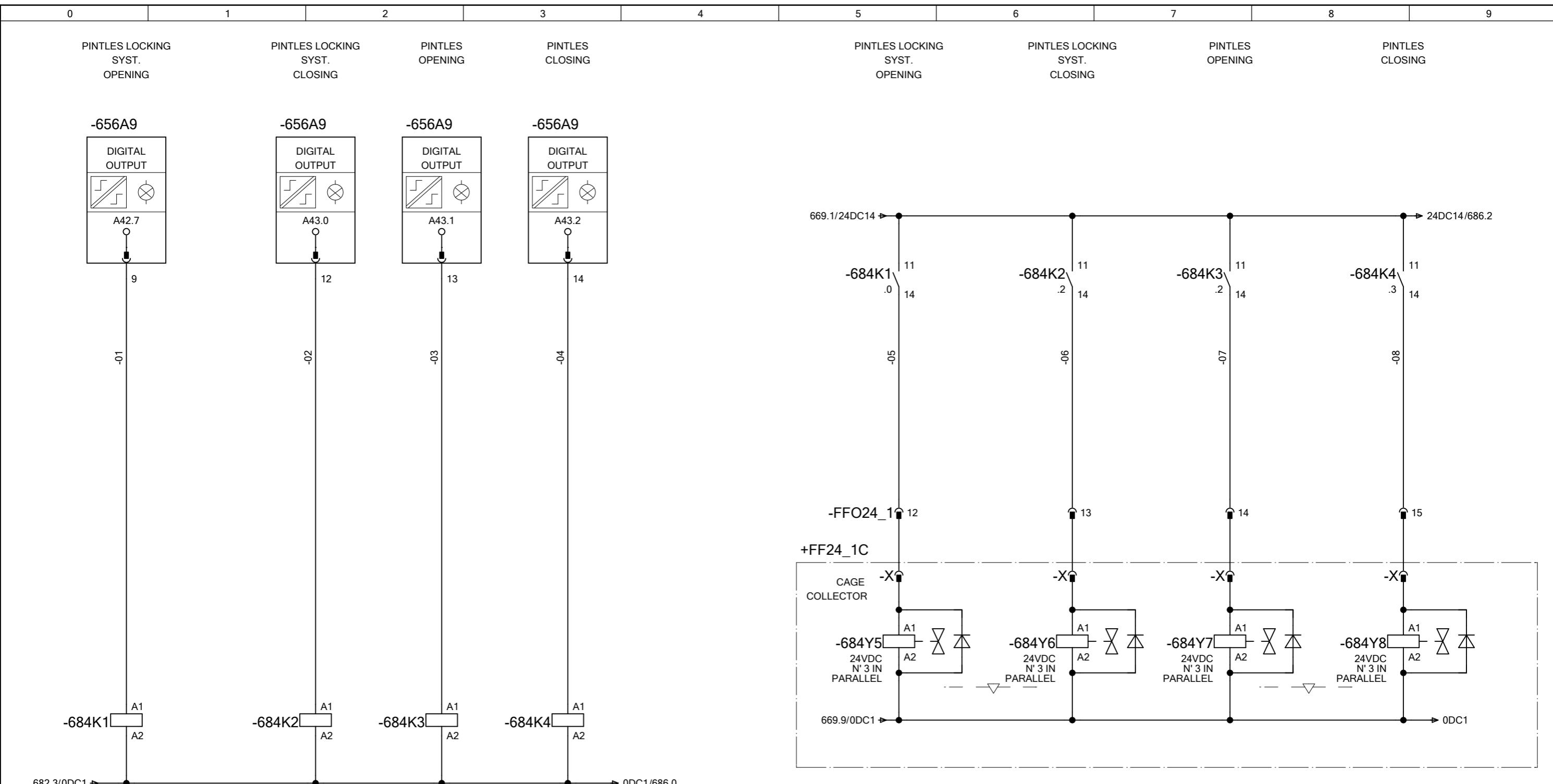
A1

A2

662.2/0DC1

0DC1

		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL OUTPUTS	DW0057070014	= CAGE24
		Dis.to	MF	1+6+12+18+24 B/630				+ LCP4
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO 683



11 -    .5

11 -    .6

11 -

11 -    .8

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS	DW0057070014	= CAGE24
			Dis.to	MF				+ LCP4	
								FOGLIO	684
Revisione	Data	Nome	NORME	IEC-CEI				C.19068	Segue 686

0 1 2 3 4 5 6 7 8 9

FRONT DOOR  
LOCKING

FRONT DOOR  
LOCKING

GUARD  
OPENING

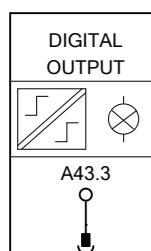
GUARD  
CLOSINING

LOADING RUN

LOADING  
INSERTION

0=CLOSE

-656A9



684.9/24DC14 → 24DC14/688.8

15

01

-01

11

-02

14

-03

16

-04

17

-05

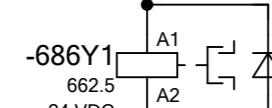
18

-06

19

-FFO24\_3

+FF24\_3

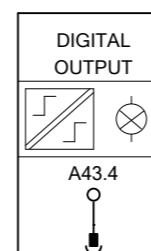


662.9/0DC1 → 0DC1

-686K1  
A1  
A2

684.3/0DC1 →

-656A9



16

02

-02

11

-03

17

-04

18

-05

19

-686Y3  
24VDC

A1  
A2

-686Y4  
24VDC

A1  
A2

+FF24  
PB

-663S3  
663.3  
X1  
X2

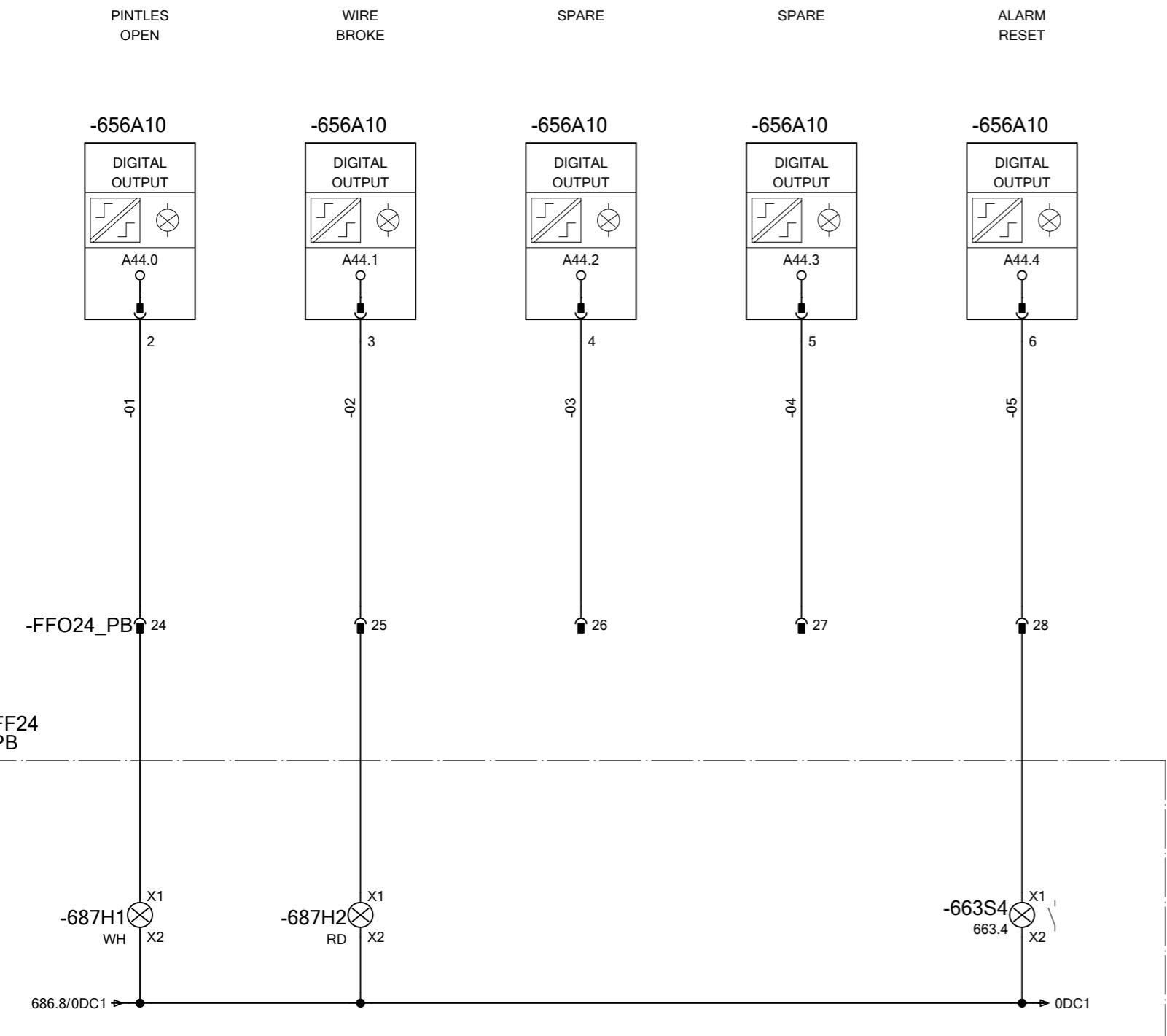
-664S7  
664.6  
X1  
X2

663.1/0DC1 → 0DC1/687.0

11 → .2

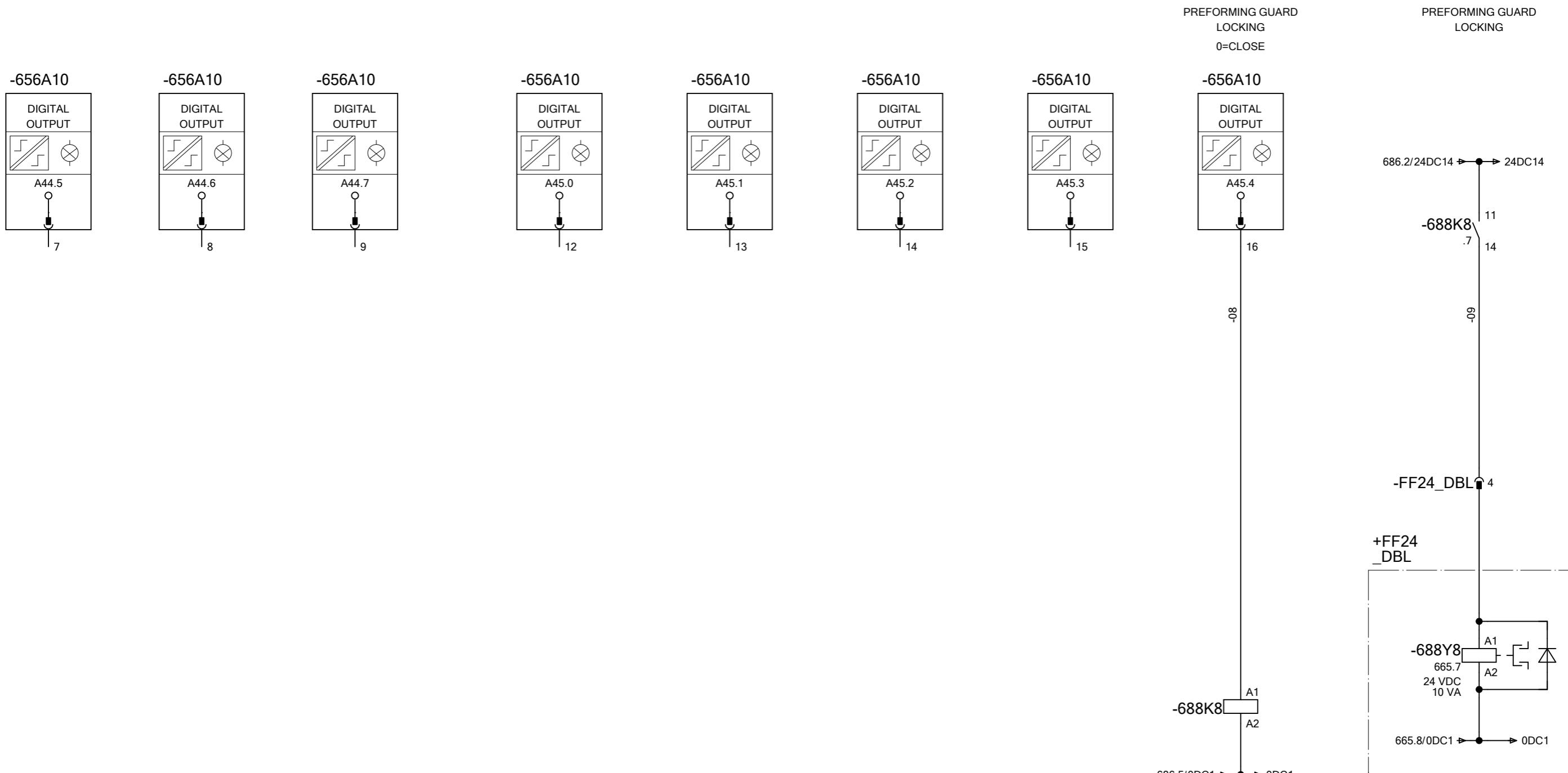
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		Dis.to	MF	1+6+12+18+24 B/630				+ LCP4
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO
								Segue

0	1	2	3	4	5	6	7	8	9
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		Data	23.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL OUTPUTS	DW0057070014	= CAGE24
		Dis.to	MF	1+6+12+18+24 B/630				+ LCP4
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO

0	1	2	3	4	5	6	7	8	9
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11 - .9

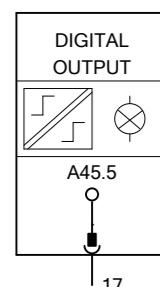
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			Dis.to	MF					+ LCP4
			Nome	NORME					FOGLIO 688
Revisione	Data	Nome	NORME	IEC-CEI					Segue 690

SPARE

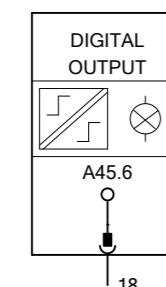
SPARE

SPARE

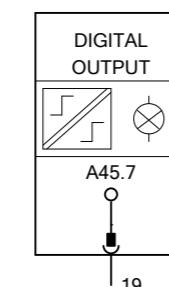
-656A10



-656A10



-656A10

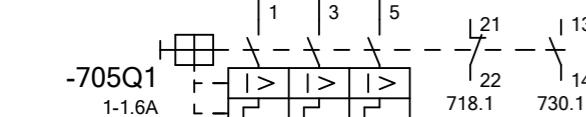


			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS	DW0057070014  C.19068	= CAGE24
			Dis.to	MF					+ LCP4
									FOGLIO 690
Revisione	Data	Nome	NORME	IEC-CEI					Segue =CAPSTAN+MCB1/705

0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

CAPSTAN  
BLOWER MOTOR

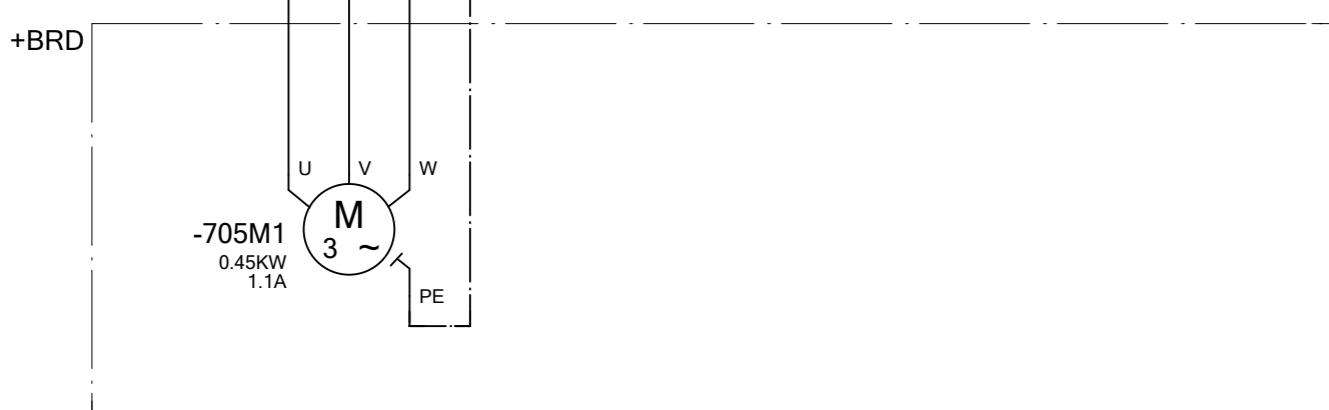
=CAGE24/635.2/L1 → L1/=TAKEUP/935.1  
 =CAGE24/635.2/L2 → L2/=TAKEUP/935.1  
 =CAGE24/635.2/L3 → L3/=TAKEUP/935.1



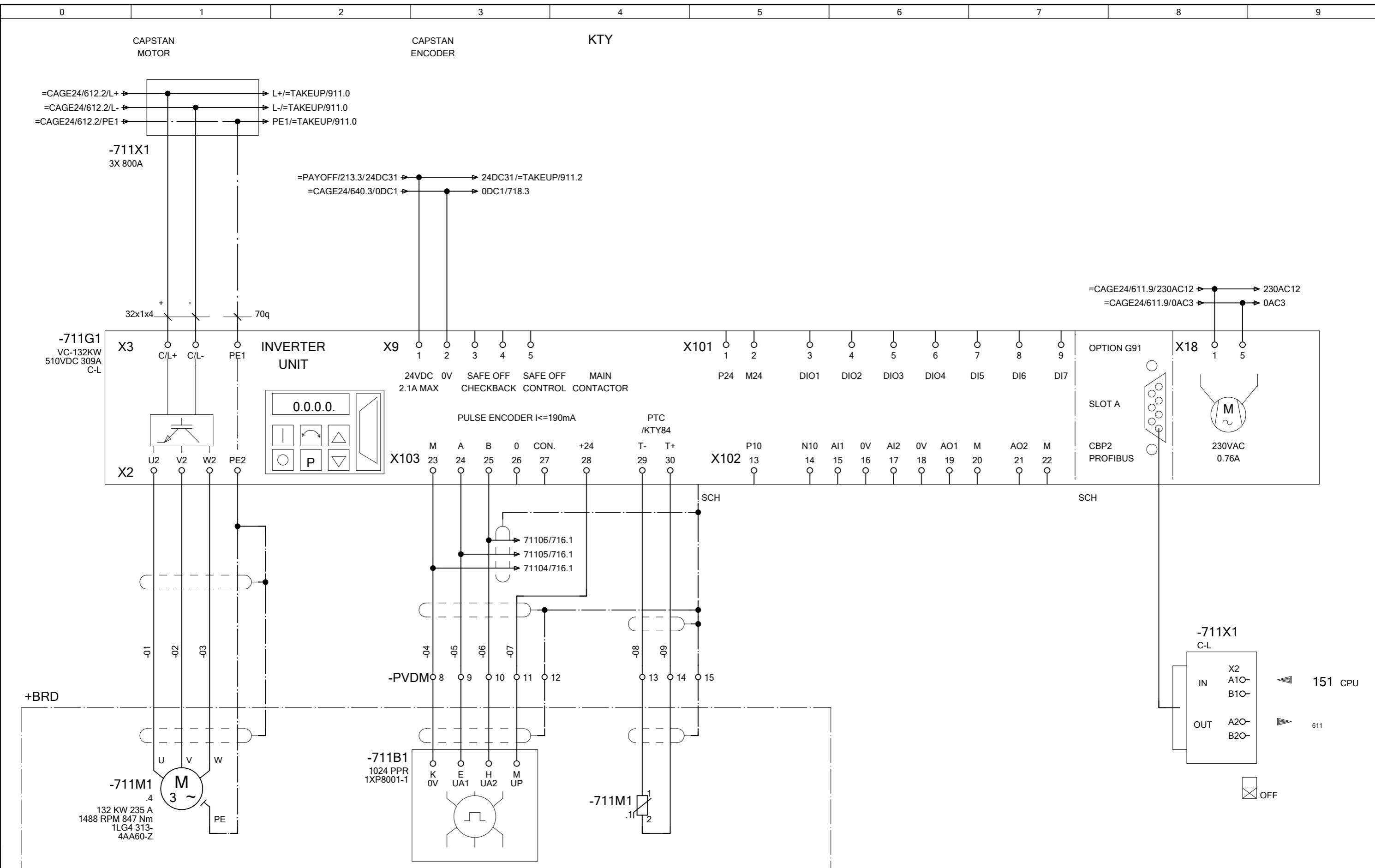
-730K1  
730.1

01 02 03

-PVDM 5 6 7 PE

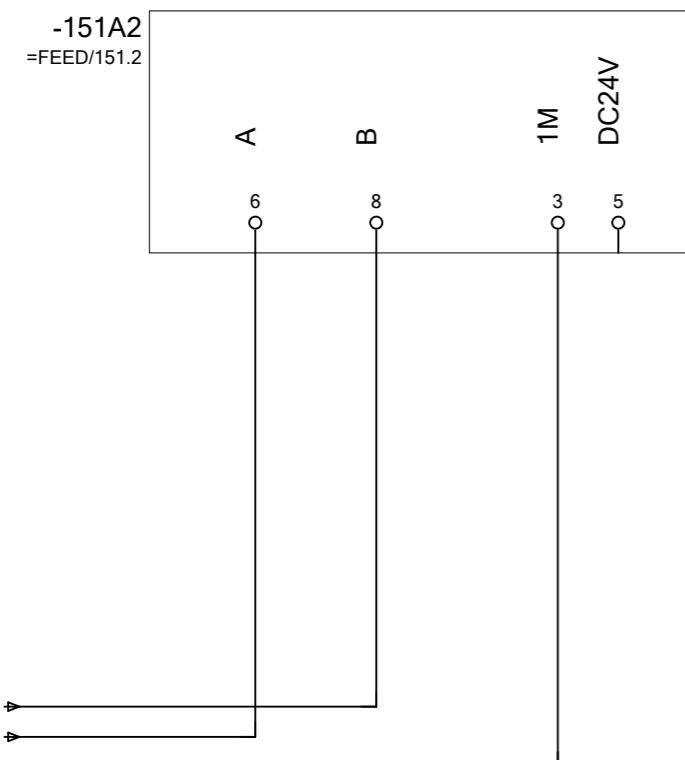


		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AC MOTORS	DW0057070014	= CAPSTAN
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO 705

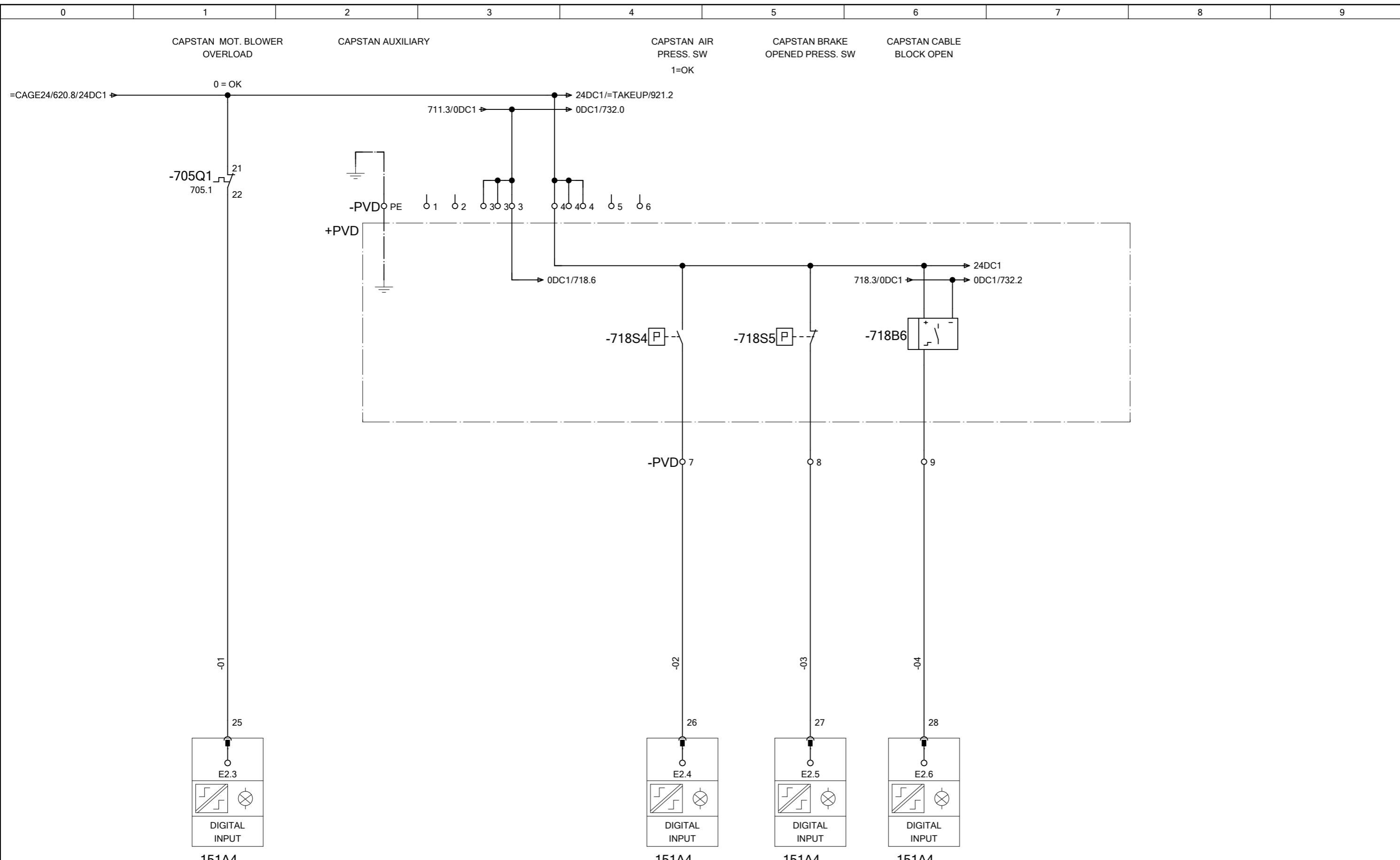


0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

METERCOUNTER



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	METERCOUNTER	DW0057070014	= CAPSTAN
			Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 716



CAPSTAN MOT.  
BLOWER

=CAGE24/630.5/230AC4 ➤

230AC4

-705Q1  
705.2  
13  
14

01

-732K1  
732.0  
11  
14

02

-730K1  
4 KW  
A1  
A2

=CAGE24/640.2/0AC1 ➤

0AC1/=TAKEUP/935.4

1 — 705.1  
3 — 705.1  
5 — 705.1

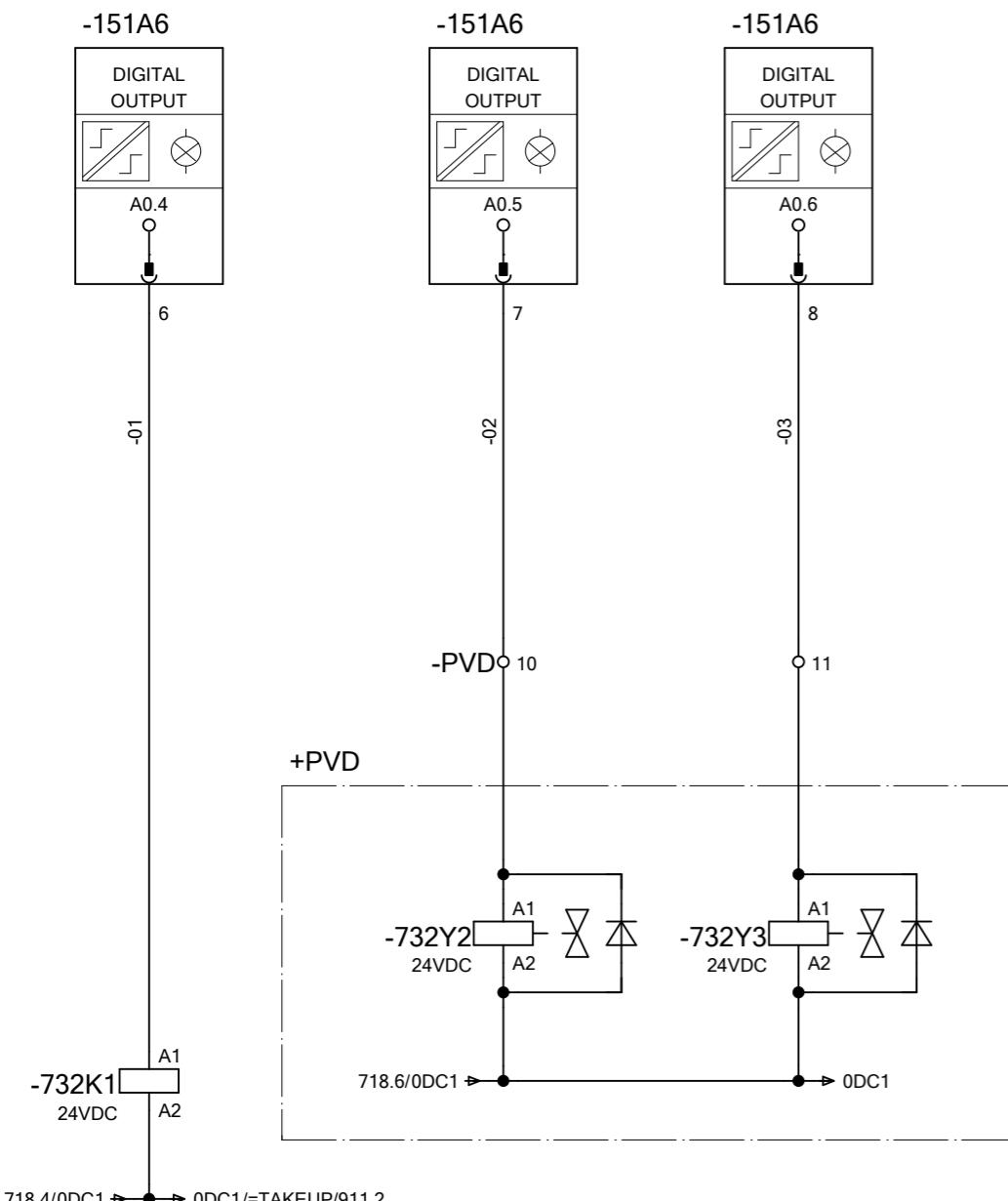
			Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AC MOTOR COMMAND	DW0057070014	= CAPSTAN
			Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 730

0 1 2 3 4 5 6 7 8 9

CAPSTAN MOT.  
BLOWER

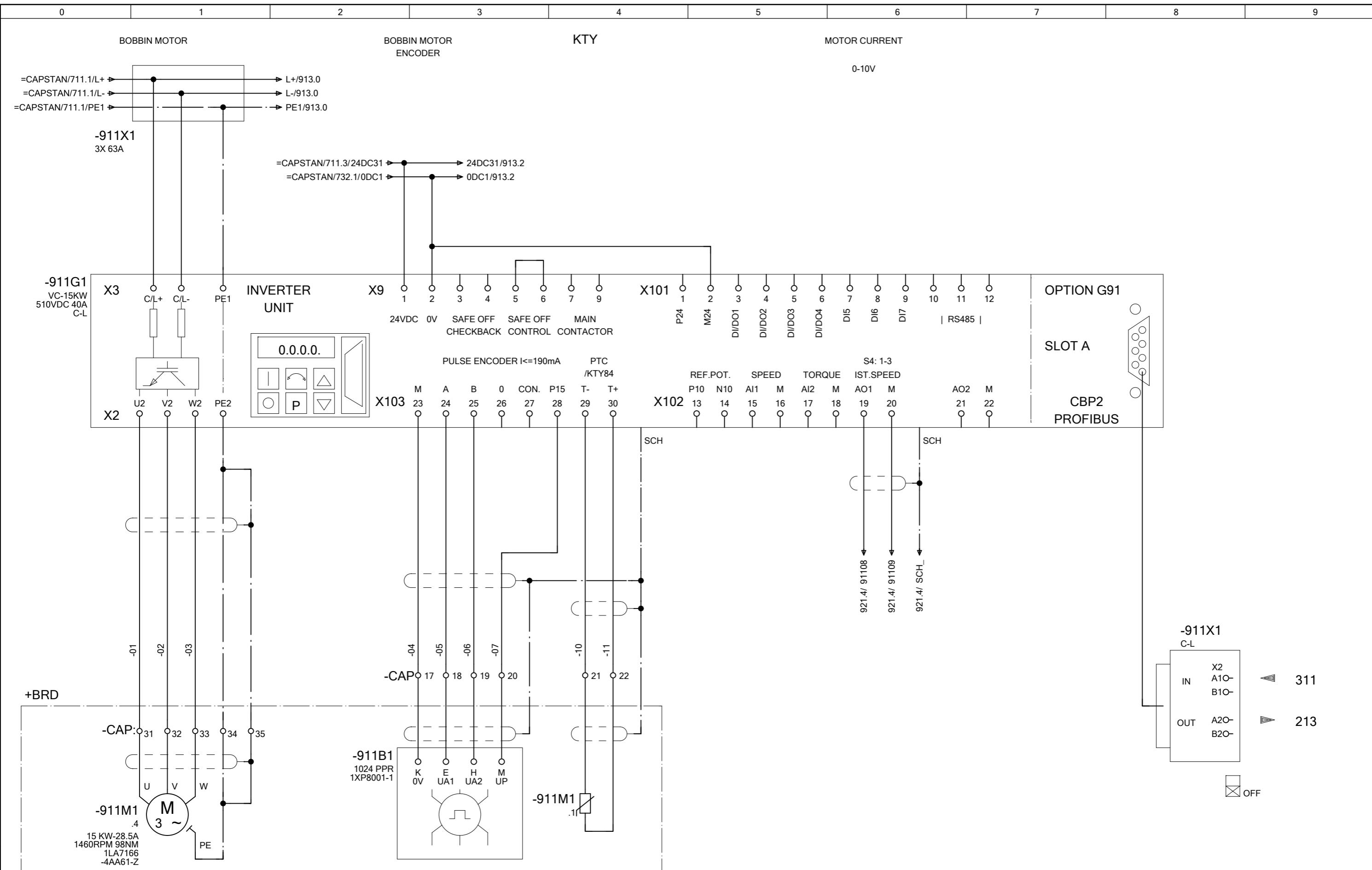
CAPSTAN MOT.  
BLOCK BRAKE

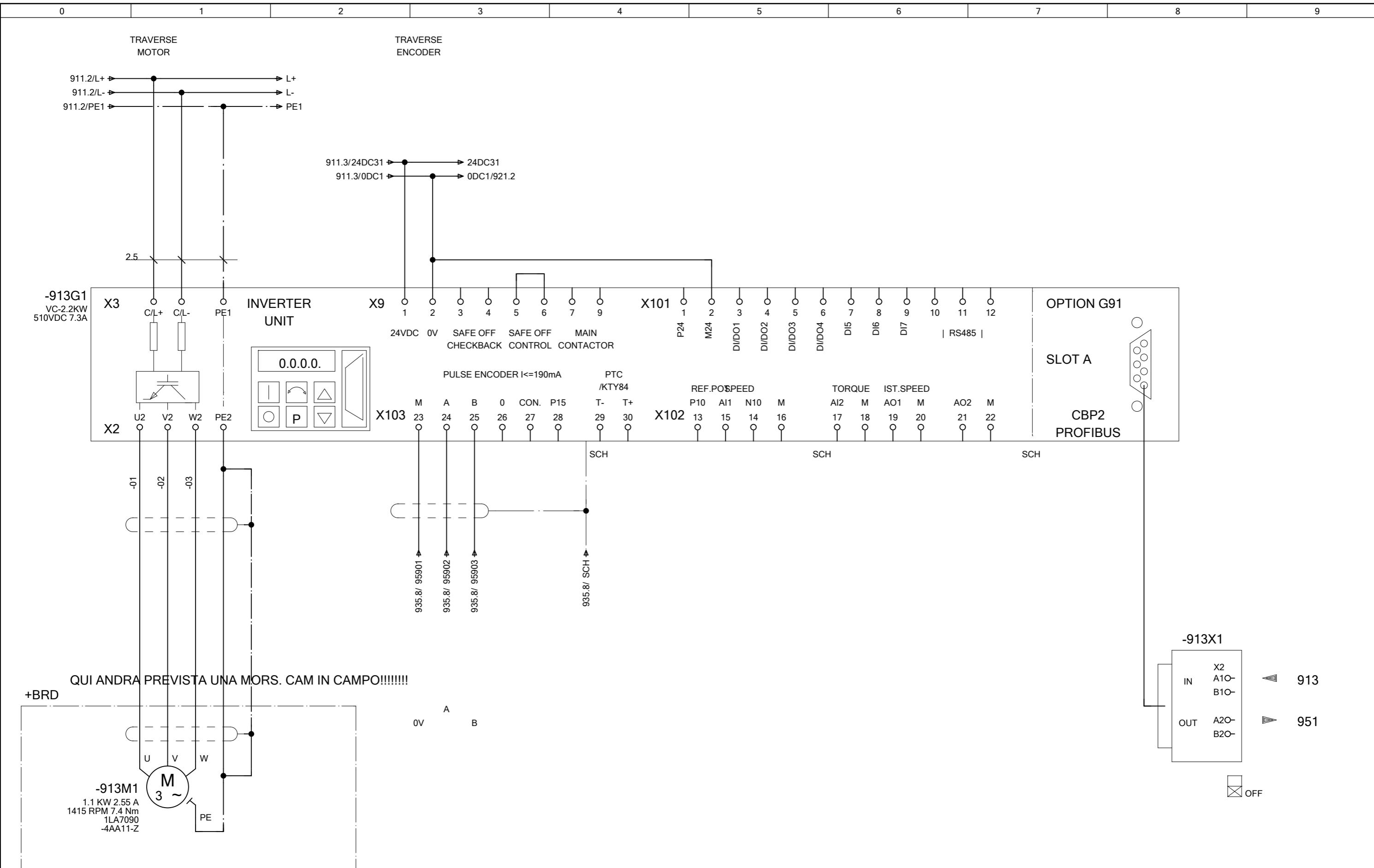
CABLE  
BLOCK



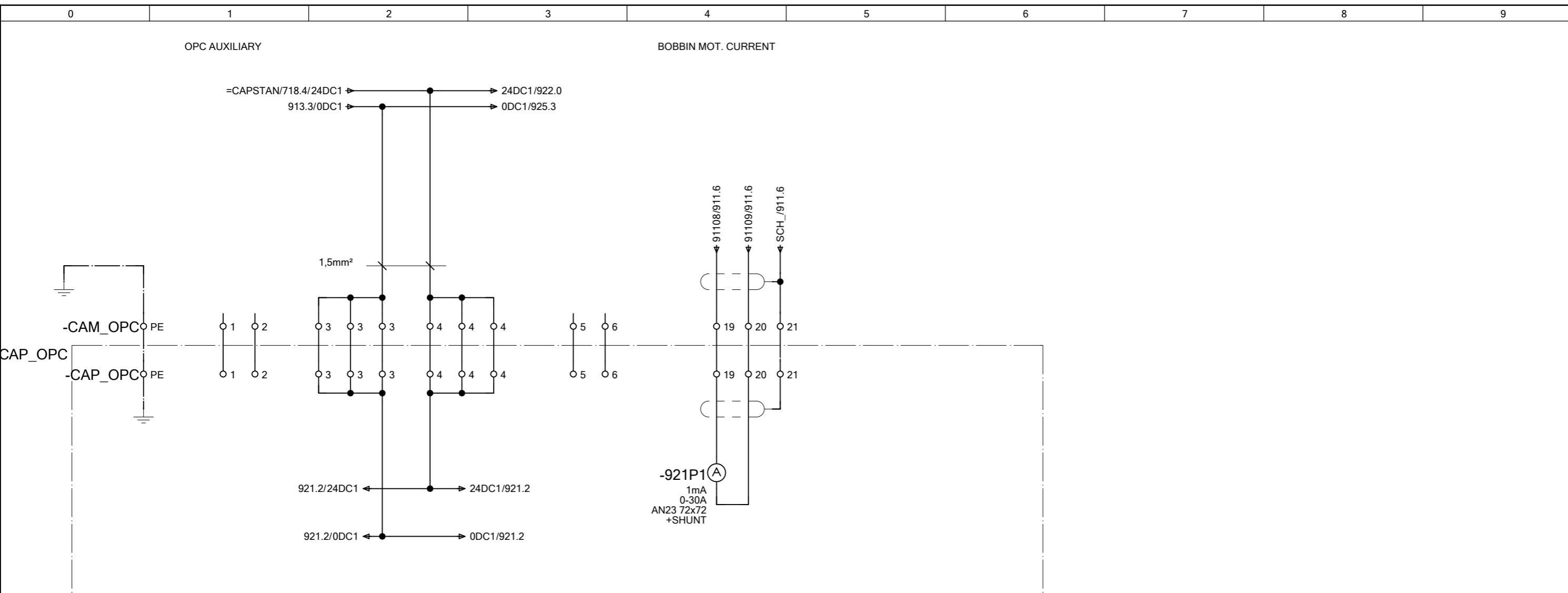
11 - 730.1

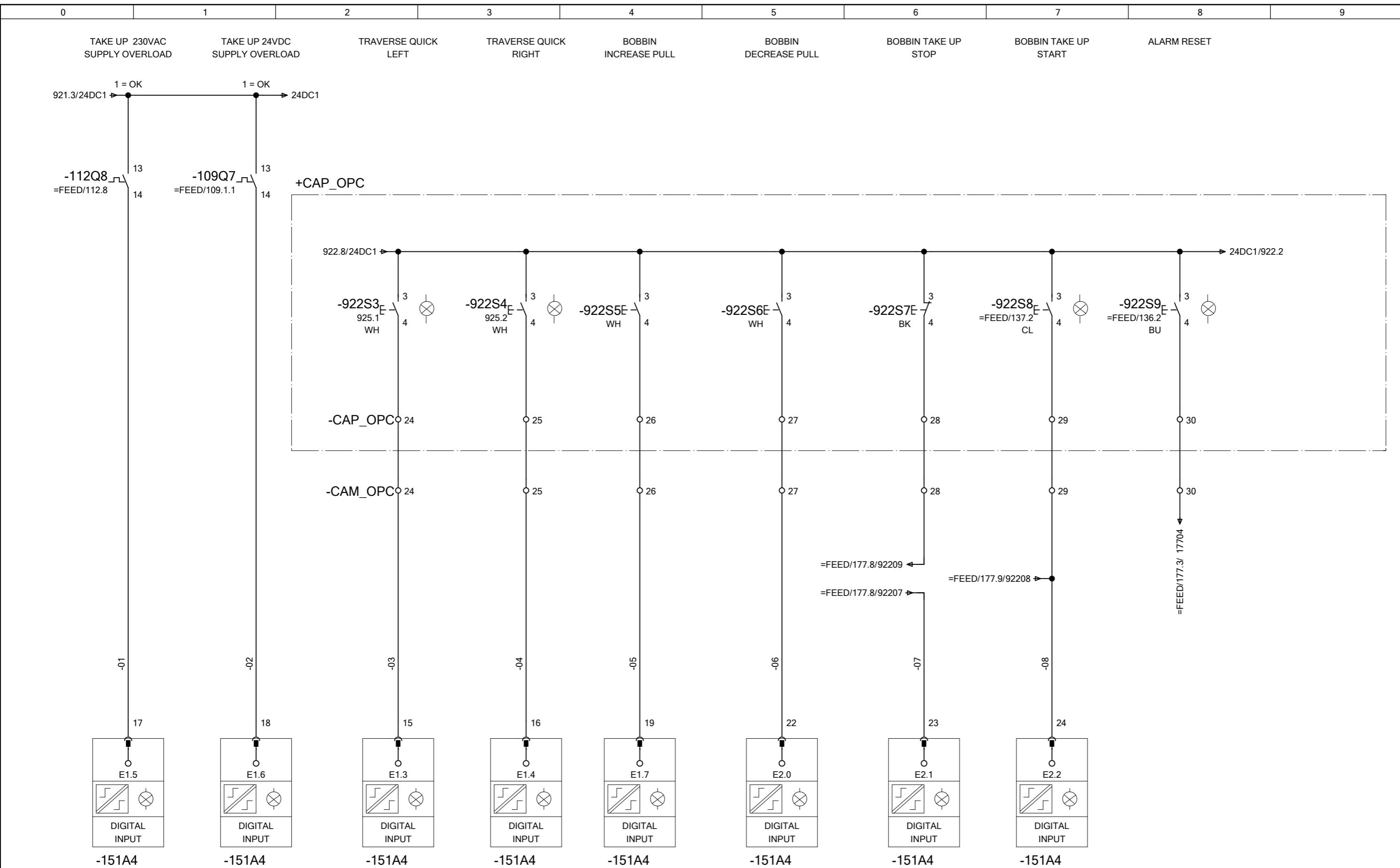
		Data	27.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL OUTPUTS SPARE	DW0057070014	= CAPSTAN
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO 732





			Data	23.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	TRAVERSE MOTOR	DW0057070014	= TAKEUP
			Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
									FOGLIO 913
Revisione	Data	Nome	NORME	IEC-CEI				C.19068	Segue 921

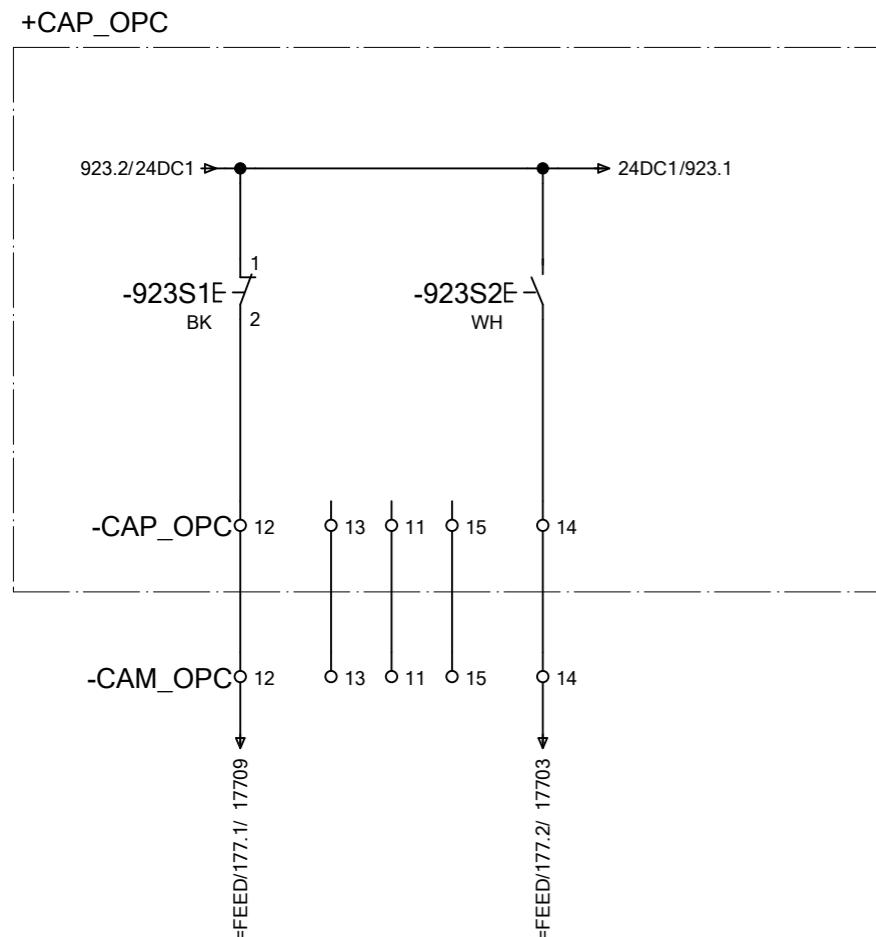




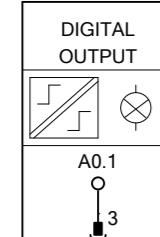
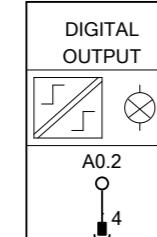
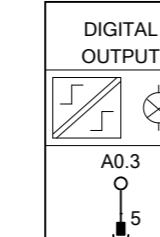
0                    1                    2                    3                    4                    5                    6                    7                    8                    9

## LINE STOP

LINE JOG P.B.



0	1	2	3	4	5	6	7	8	9
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TRAVERSE QUICK  
LEFTTRAVERSE QUICK  
RIGHTTAKE UP BOBBIN  
RUN**-151A6****-151A6****-151A6**

01

02

03

A1  
A2-925K3  
24VDC

921.3/0DC1

0DC1/935.5

**-CAM\_OPPOC****+CAP\_OPPOC**

22

16

22

16

**-922S3**

922.2

X1  
X2**-922S4**

922.3

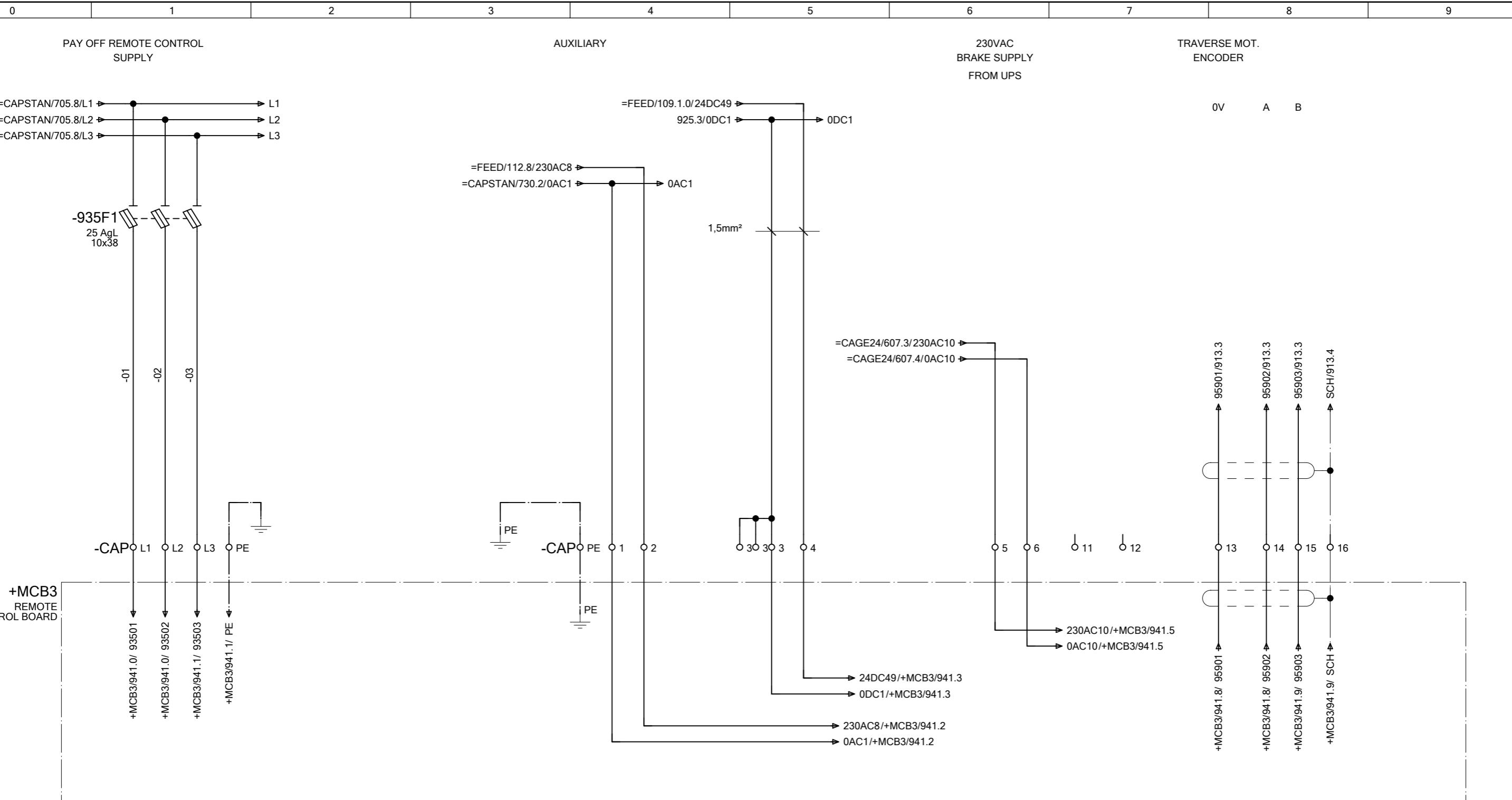
X1  
X2

925.2/0DC1

0DC1/925.1

11 - =FEED/137.1

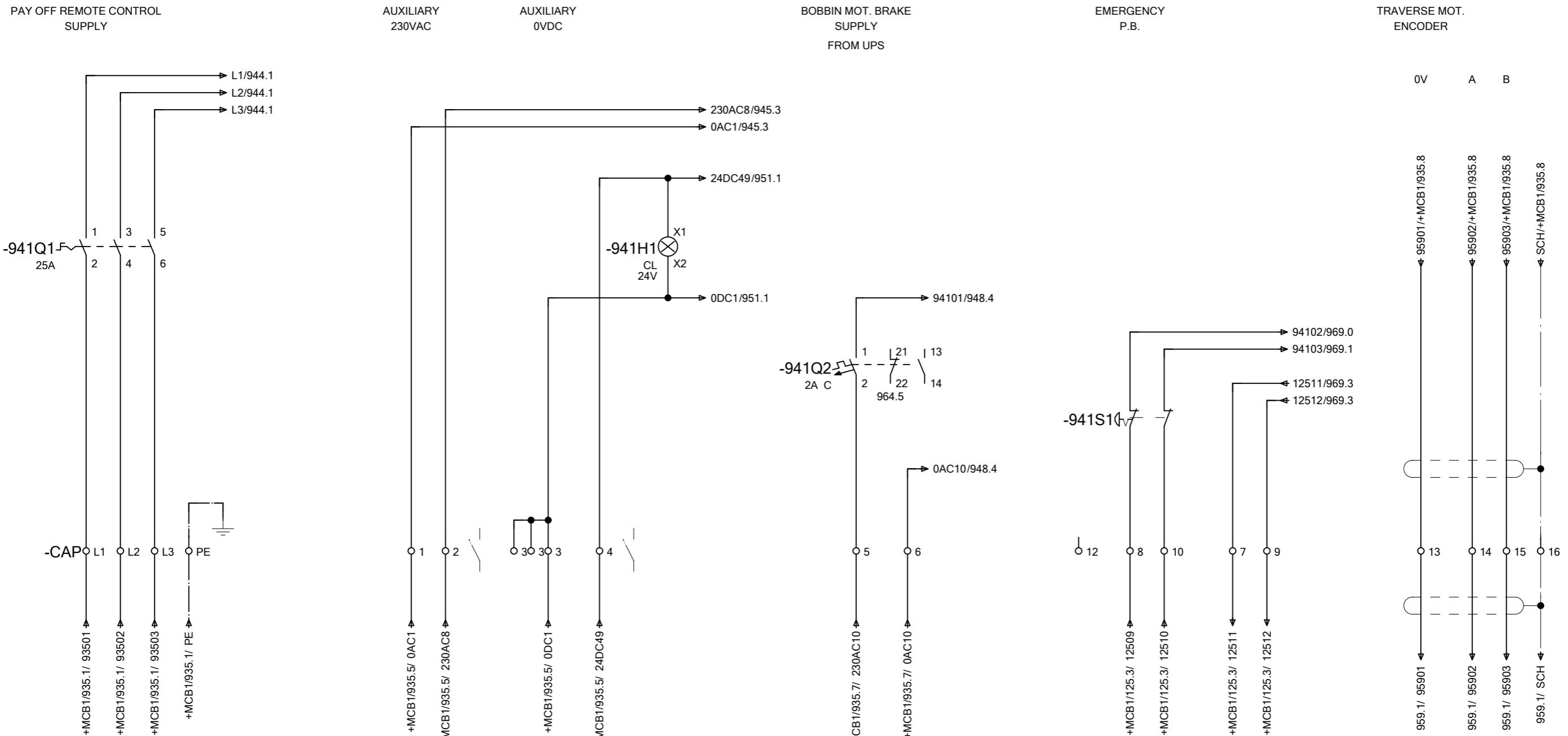
		Data	27.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL OUTPUTS	DW0057070014	= TAKEUP
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO 925



WARNING :  
CIRCUIT FEEDING BY UPS

			Data	20.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	SUPPLY DISTRIBUTION	DW0057070014	= TAKEUP
			Dis.to	MF	1+6+12+18+24 B/630				+ MCB1
Revisione	Data	Nome	NORME	IEC-CEI		BERGAMO - ITALY -		C.19068	FOGLIO 935

0 1 2 3 4 5 6 7 8 9



-CARP

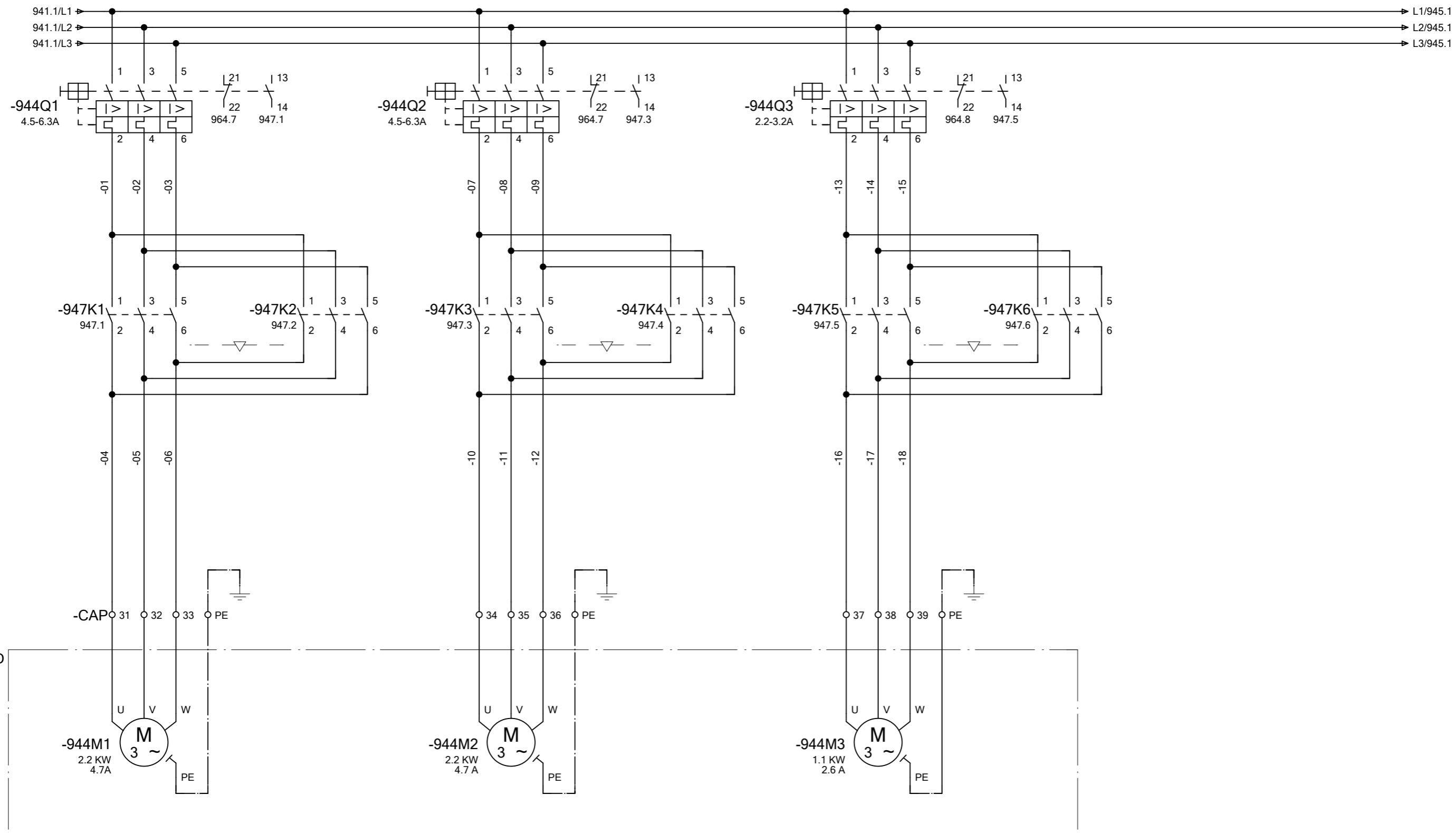
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		Dis.to	MF	1+6+12+18+24 B/630				+ MCB3
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO

0 1 2 3 4 5 6 7 8 9

IDLE PINTLE  
UP/DOWN

DRIVEN PINTLE  
UP/DOWN

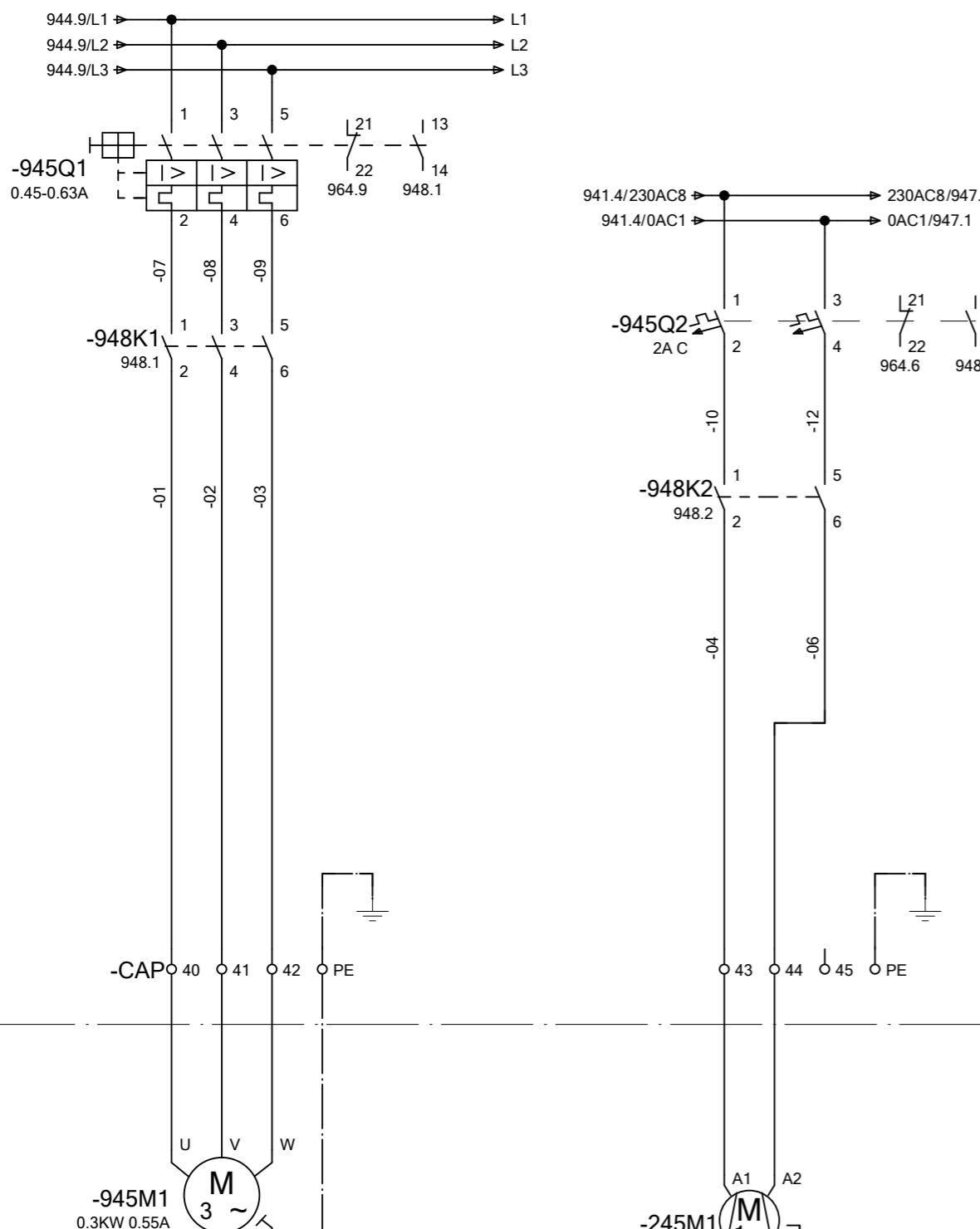
PINTLES  
OPEN/CLOSE



		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AC MOTORS	DW0057070014	= TAKEUP
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB3
Revisione	Data	Nome	NORME	IEC-CEI				FOGLIO
							C.19068	944
							Segue	945

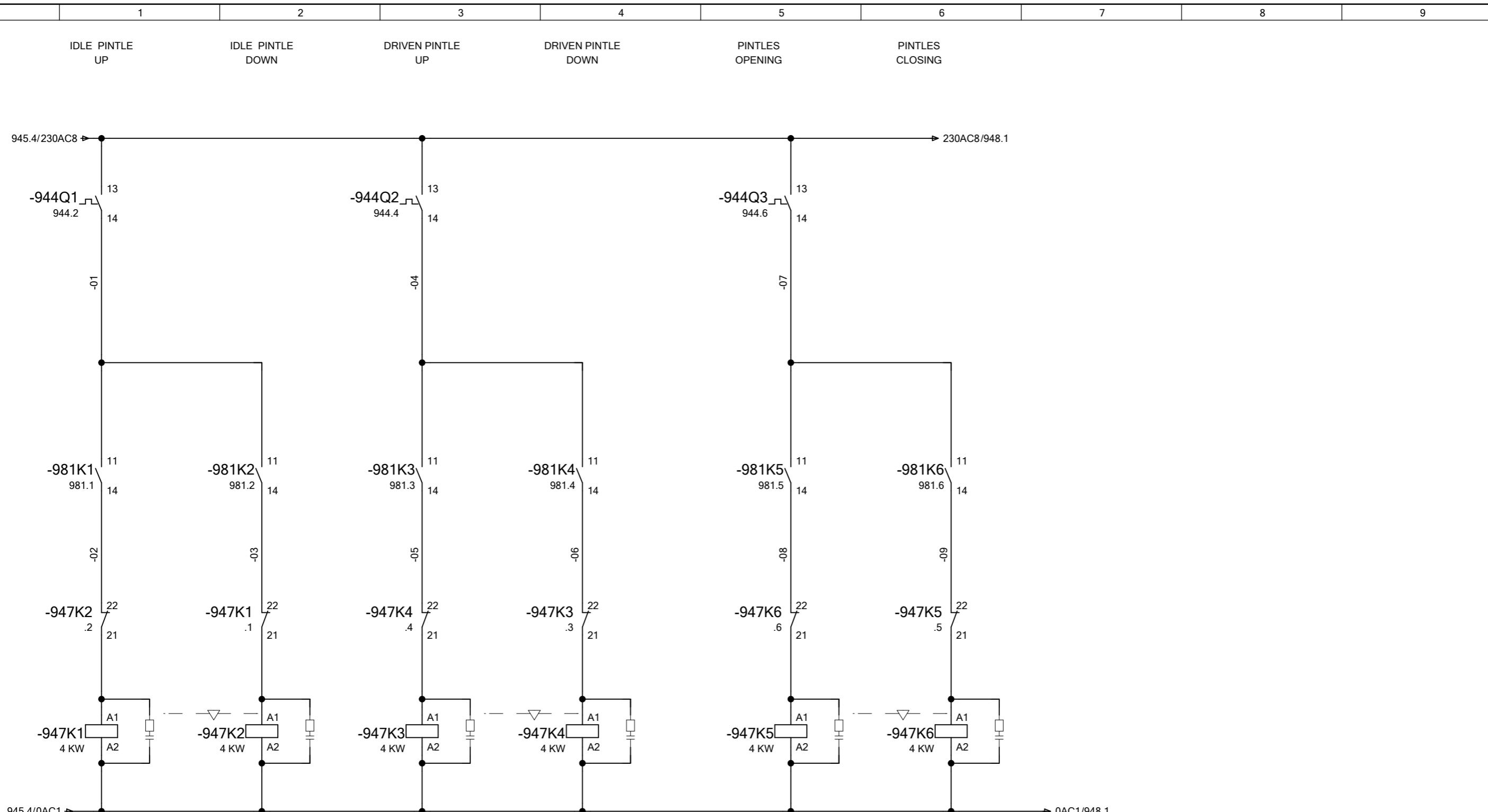
0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

BOBBIN  
BLOWER MOTOR



TRAVERSE  
BLOWER MOTOR

		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AC MOTORS	DW0057070014	= TAKEUP
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB3
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO 945



1	-	944.1
3	-	944.1
5	-	944.1
21	L	.2

1 -	<u>/</u>	944.2
3 -	<u>/</u>	944.2
5 -	<u>/</u>	944.2
21 -	<u>L</u>	.1

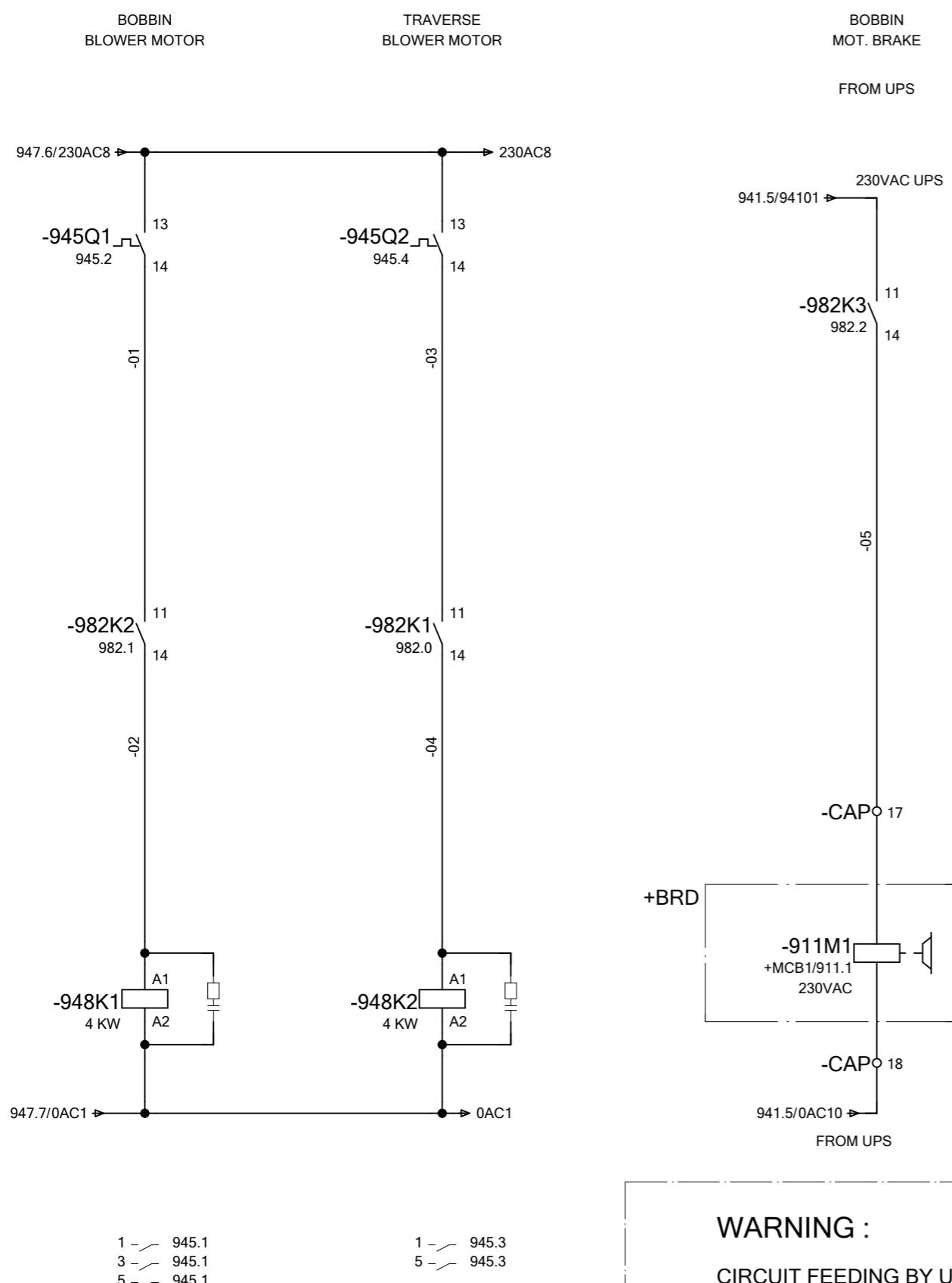
1	-	944.3
3	-	944.3
5	-	944.3
21	-	.4

1	-	/	944.
3	-	/	944.
5	-	/	944.
21	L	/	.3

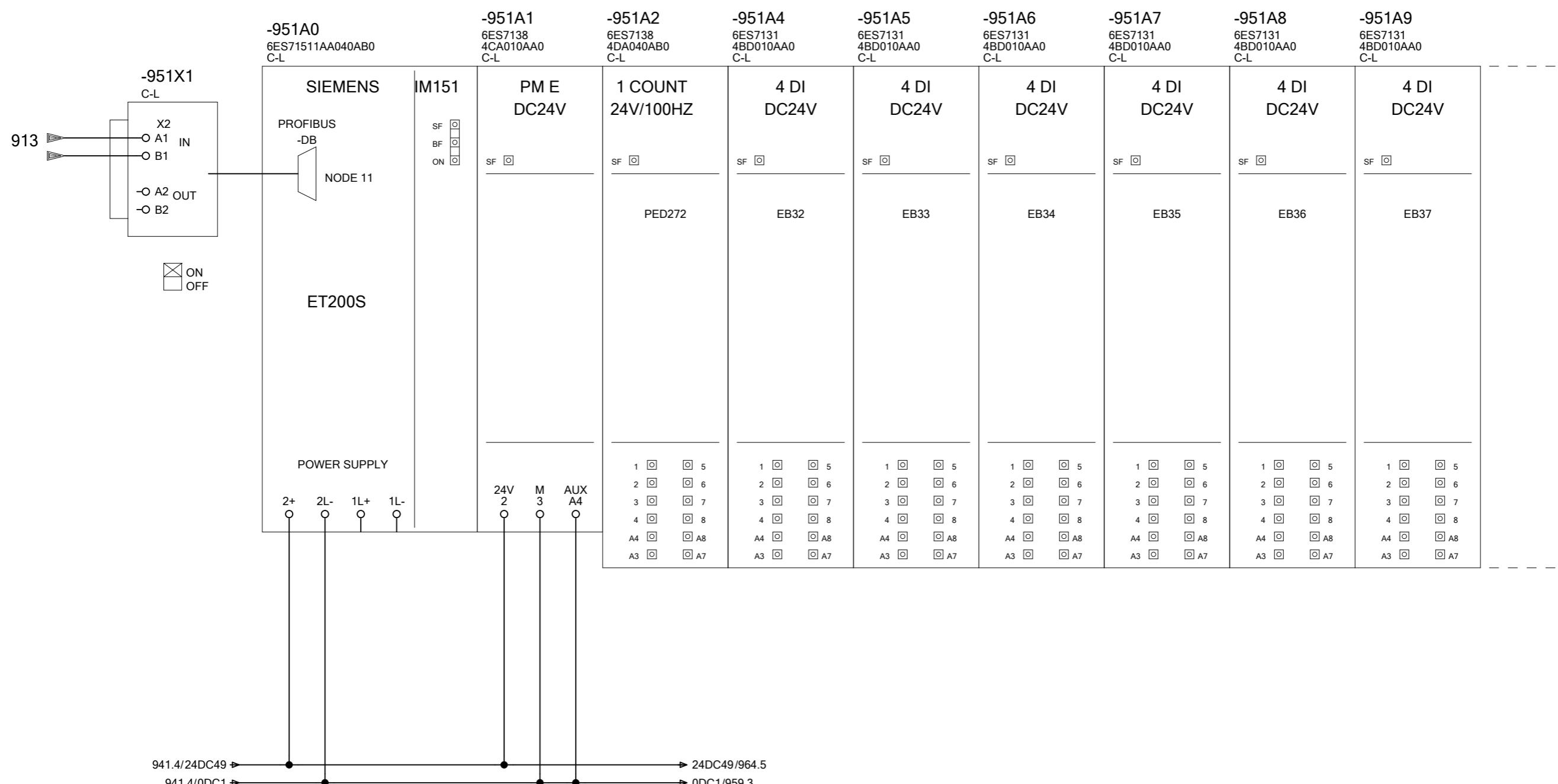
1	-	/	944.5
3	-	/	944.6
5	-	/	944.6
21	L	/	.6

1	-	/	944.7
3	-	/	944.7
5	-	/	944.7
21	L	/	.5

0 1 2 3 4 5 6 7 8 9



		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	AC MOTOR COMMAND	DW0057070014	= TAKEUP
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB3
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO 948



			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	ET200S	DW0057070014 C.19068	= TAKEUP
			Dis.to	MF					+ MCB3
									FOGLIO 951
Revisione	Data	Nome	NORME	IEC-CEI					Segue 951.1

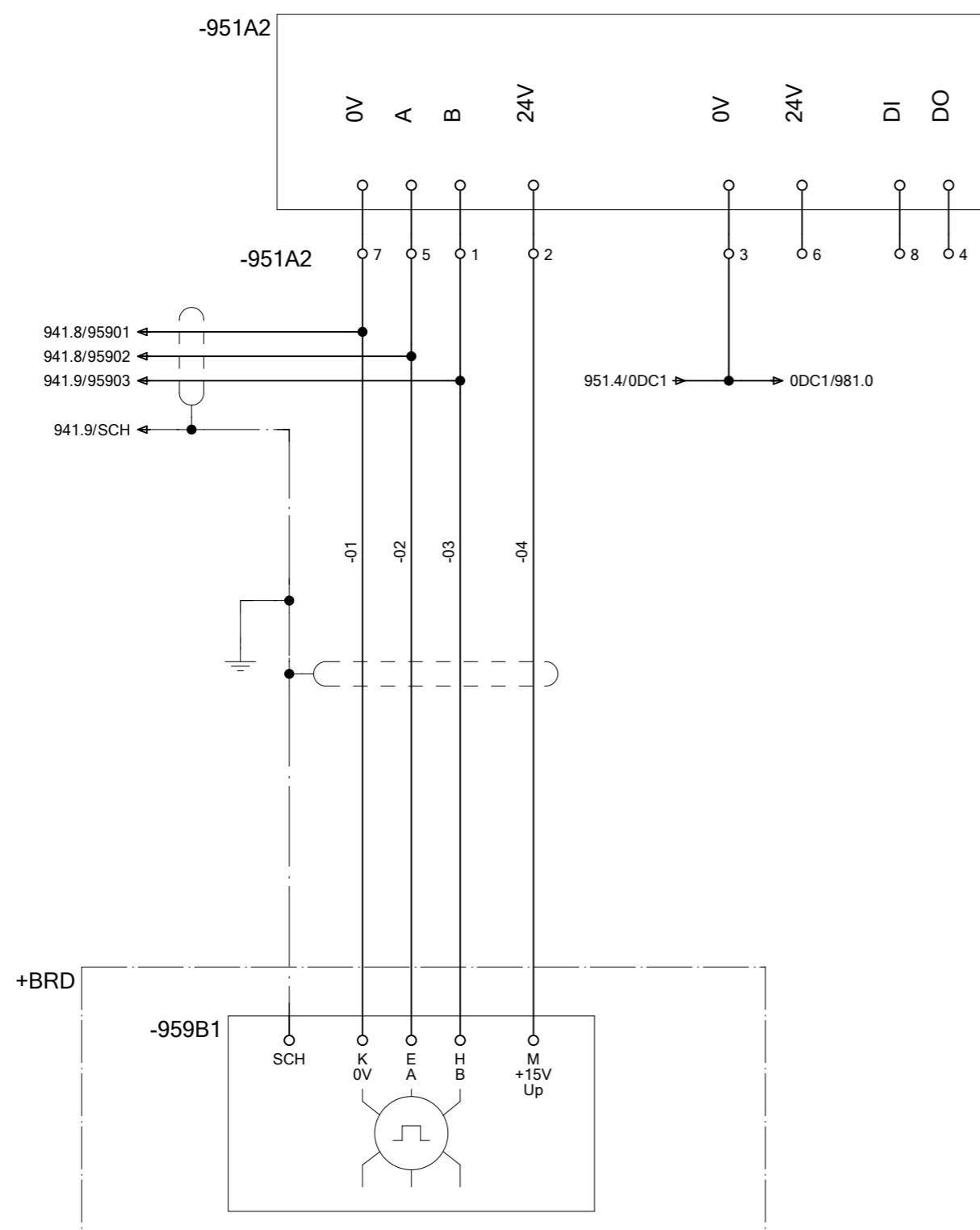
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6ES7132  
4BD010AA0  
CJ

-951A14  
6ES7132  
4BD010AA0  
CJ

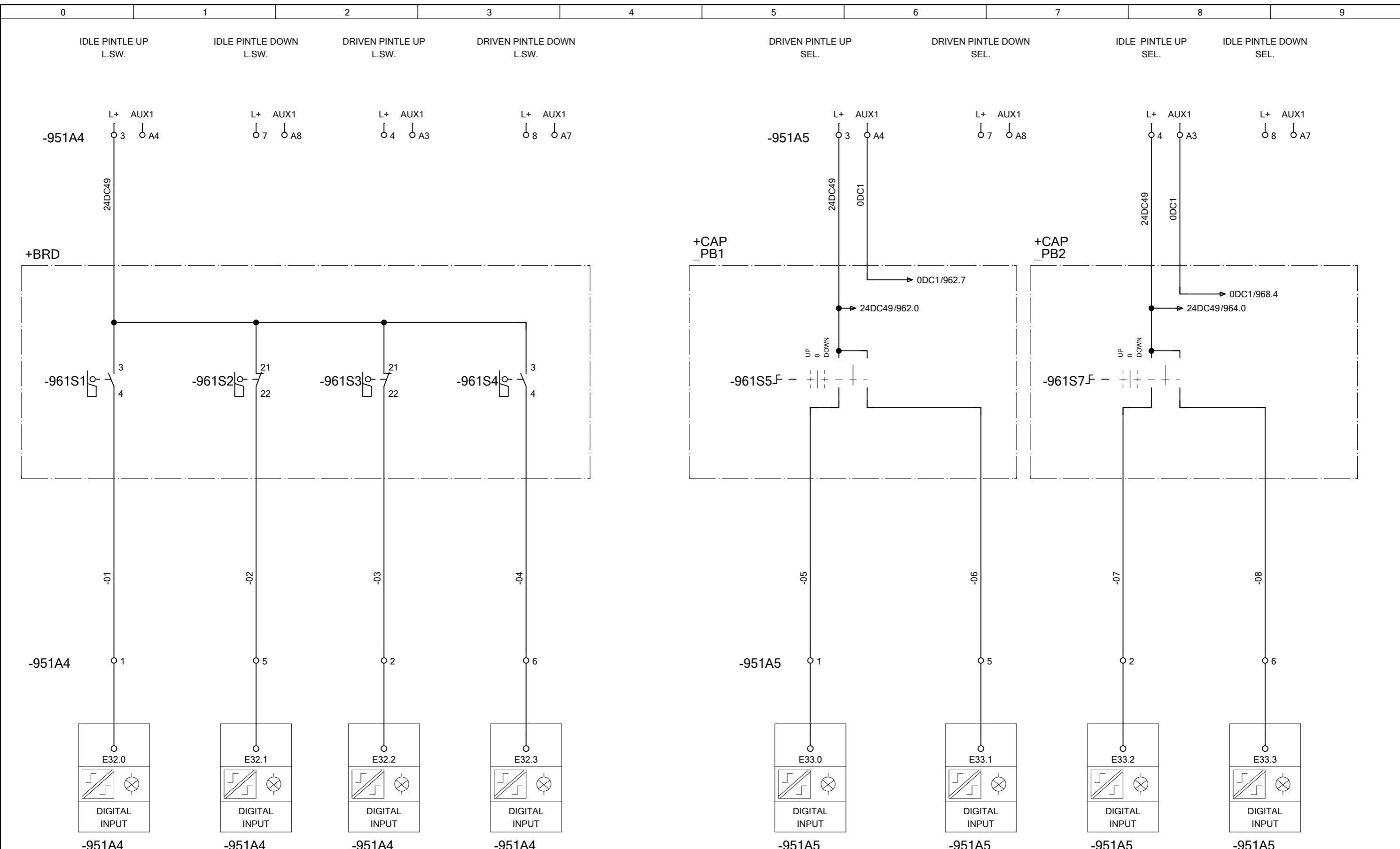
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6ES7132  
4BD010AA  
CJ

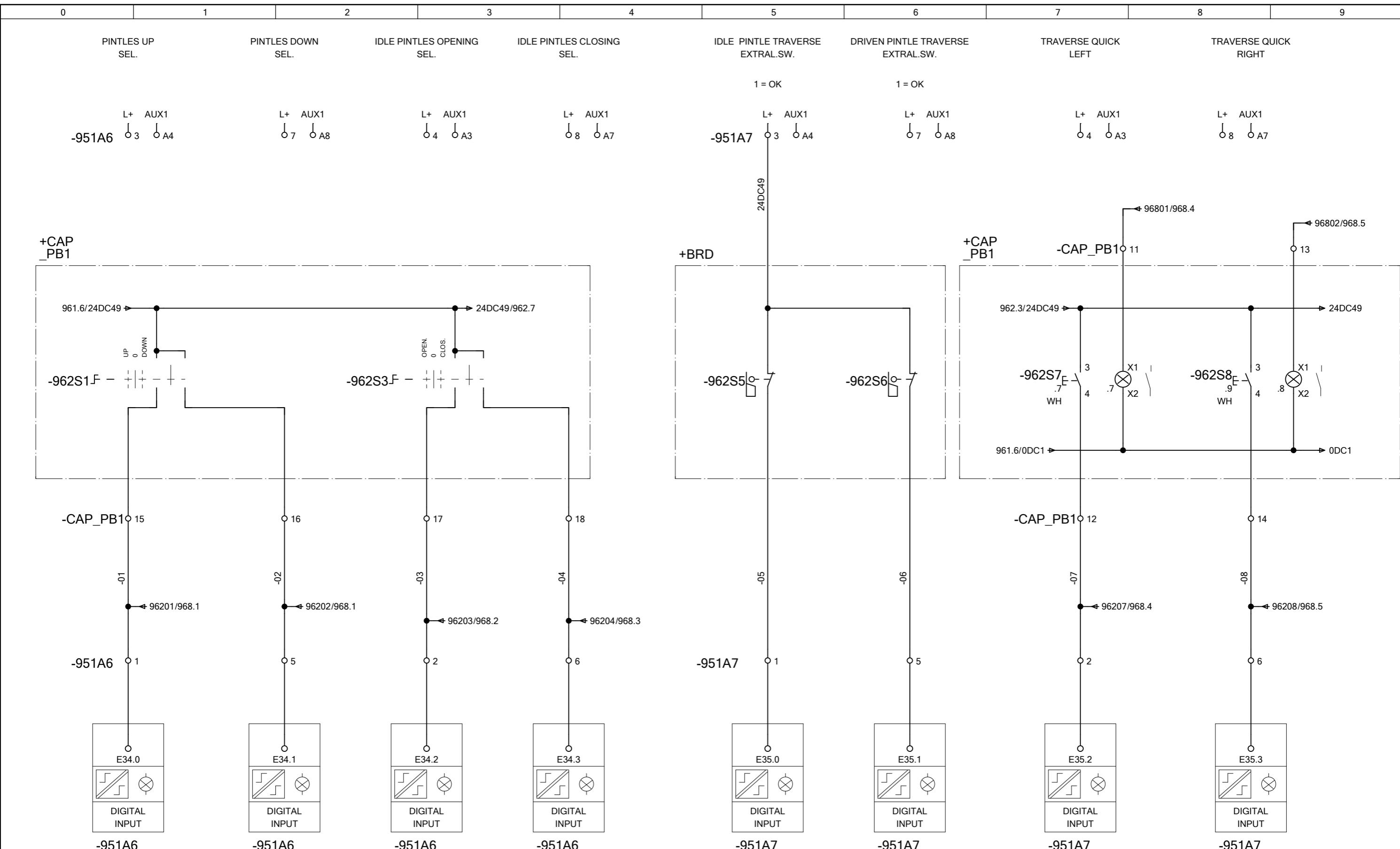
C-L	C-L	C-L
4 DO DC24V/0.5A	4 DO DC24V/0.5A	4 DO DC24V/0.5A
SF <input type="checkbox"/>	SF <input type="checkbox"/>	SF <input type="checkbox"/>
AB32	AB33	AB34
1 <input type="checkbox"/> <input type="checkbox"/> 5	1 <input type="checkbox"/> <input type="checkbox"/> 5	1 <input type="checkbox"/> <input type="checkbox"/> 5
2 <input type="checkbox"/> <input type="checkbox"/> 6	2 <input type="checkbox"/> <input type="checkbox"/> 6	2 <input type="checkbox"/> <input type="checkbox"/> 6
3 <input type="checkbox"/> <input type="checkbox"/> 7	3 <input type="checkbox"/> <input type="checkbox"/> 7	3 <input type="checkbox"/> <input type="checkbox"/> 7
4 <input type="checkbox"/> <input type="checkbox"/> 8	4 <input type="checkbox"/> <input type="checkbox"/> 8	4 <input type="checkbox"/> <input type="checkbox"/> 8
A4 <input type="checkbox"/> <input type="checkbox"/> A8	A4 <input type="checkbox"/> <input type="checkbox"/> A8	A4 <input type="checkbox"/> <input type="checkbox"/> A8
A3 <input type="checkbox"/> <input type="checkbox"/> A7	A3 <input type="checkbox"/> <input type="checkbox"/> A7	A3 <input type="checkbox"/> <input type="checkbox"/> A7

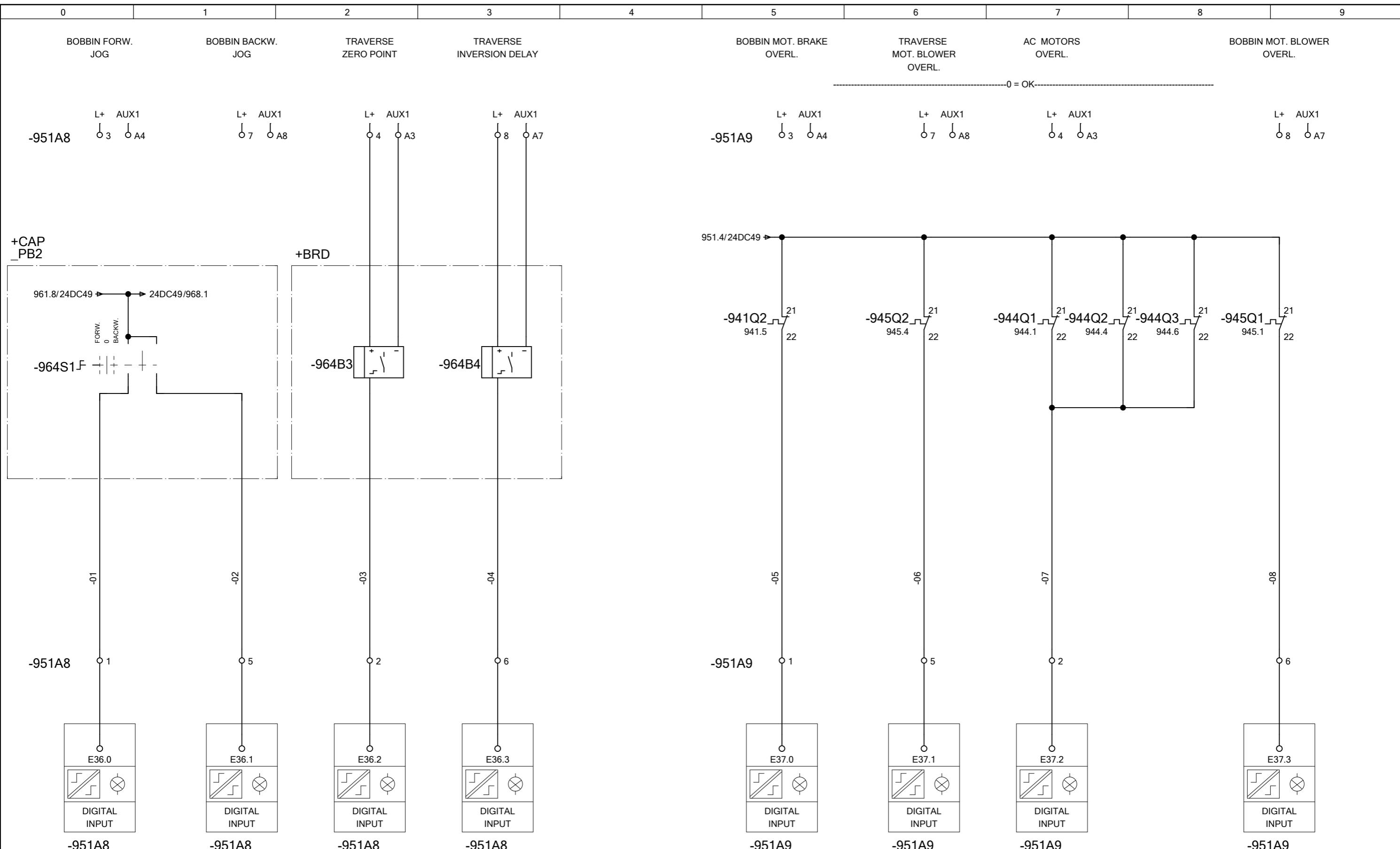
## TRAVERSE MOT ENCODER



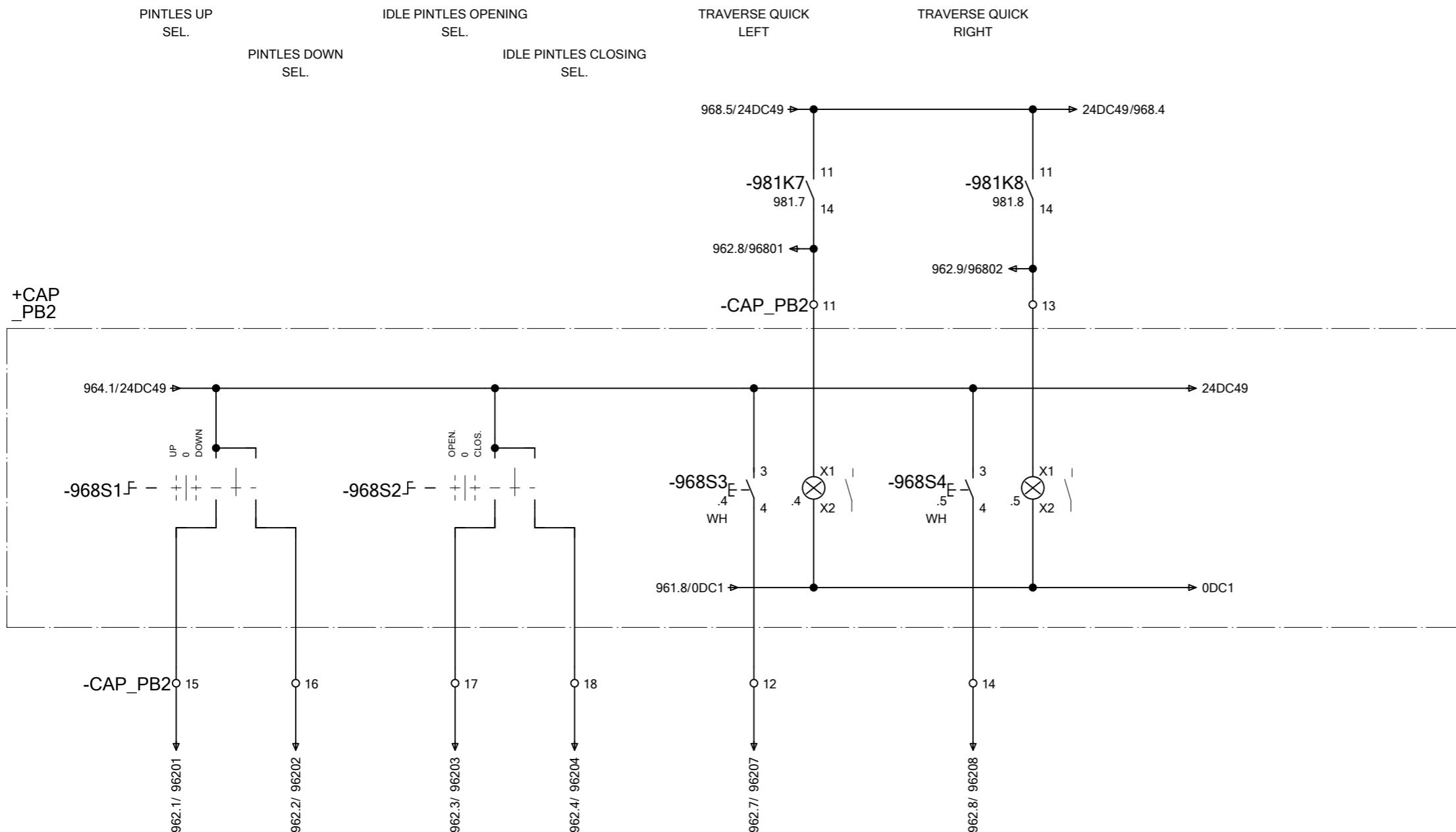
			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	TRAVERSE ENCODER	DW0057070014 C.19068	= TAKEUP	
			Dis.to	MF					+ MCB3	
									FOGLIO	959
Revisione	Data	Nome	NORME	IEC-CEI					Segue	961



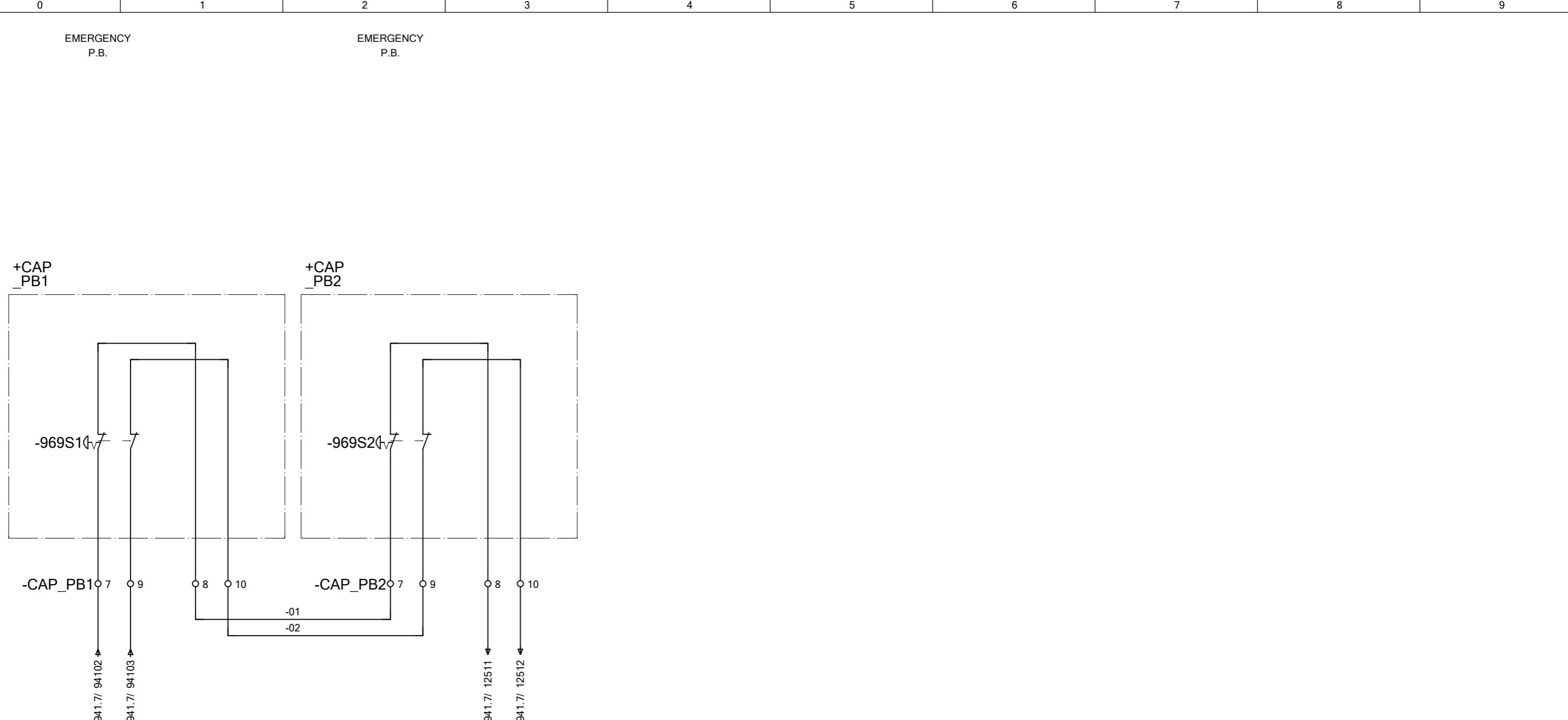


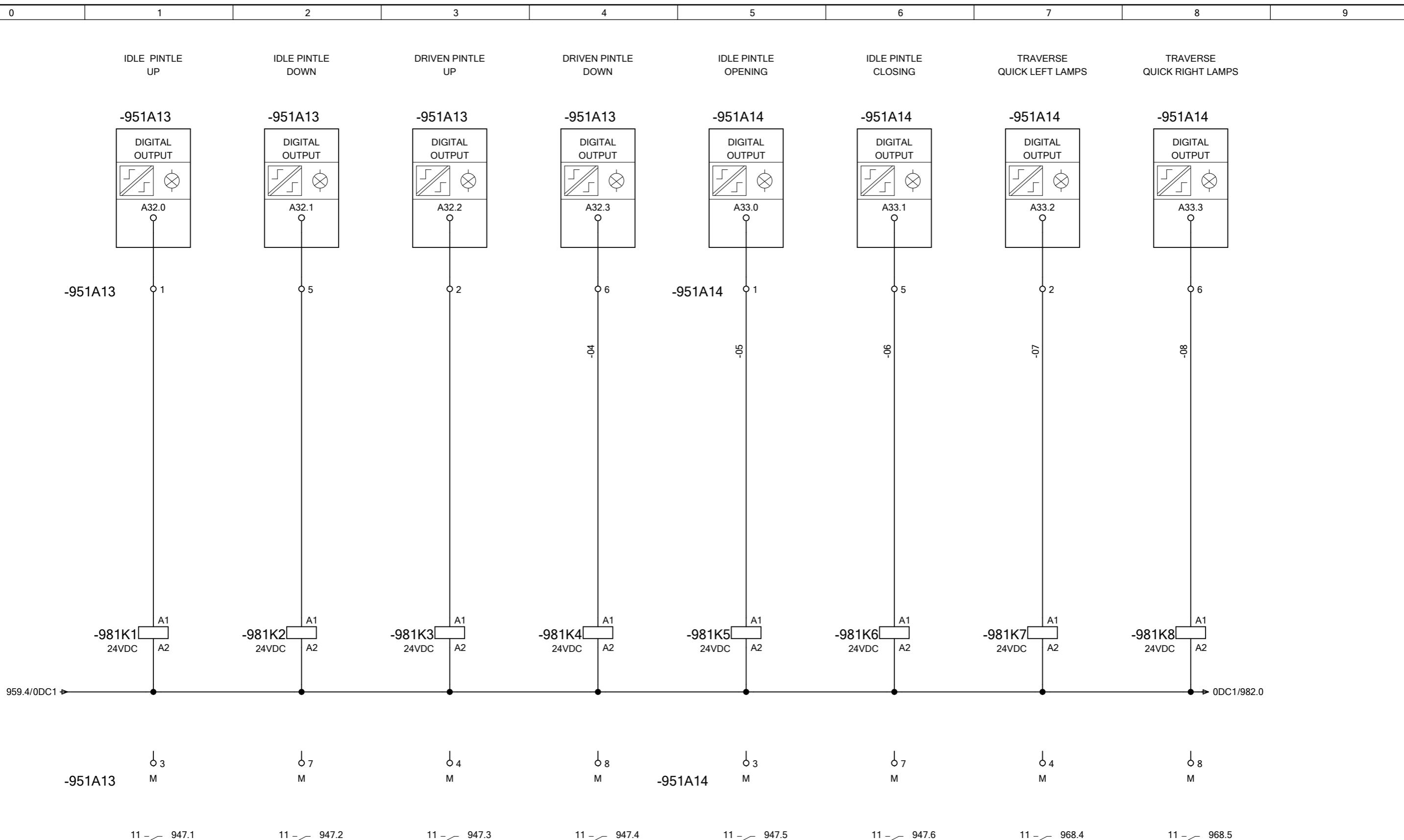


0	1	2	3	4	5	6	7	8	9
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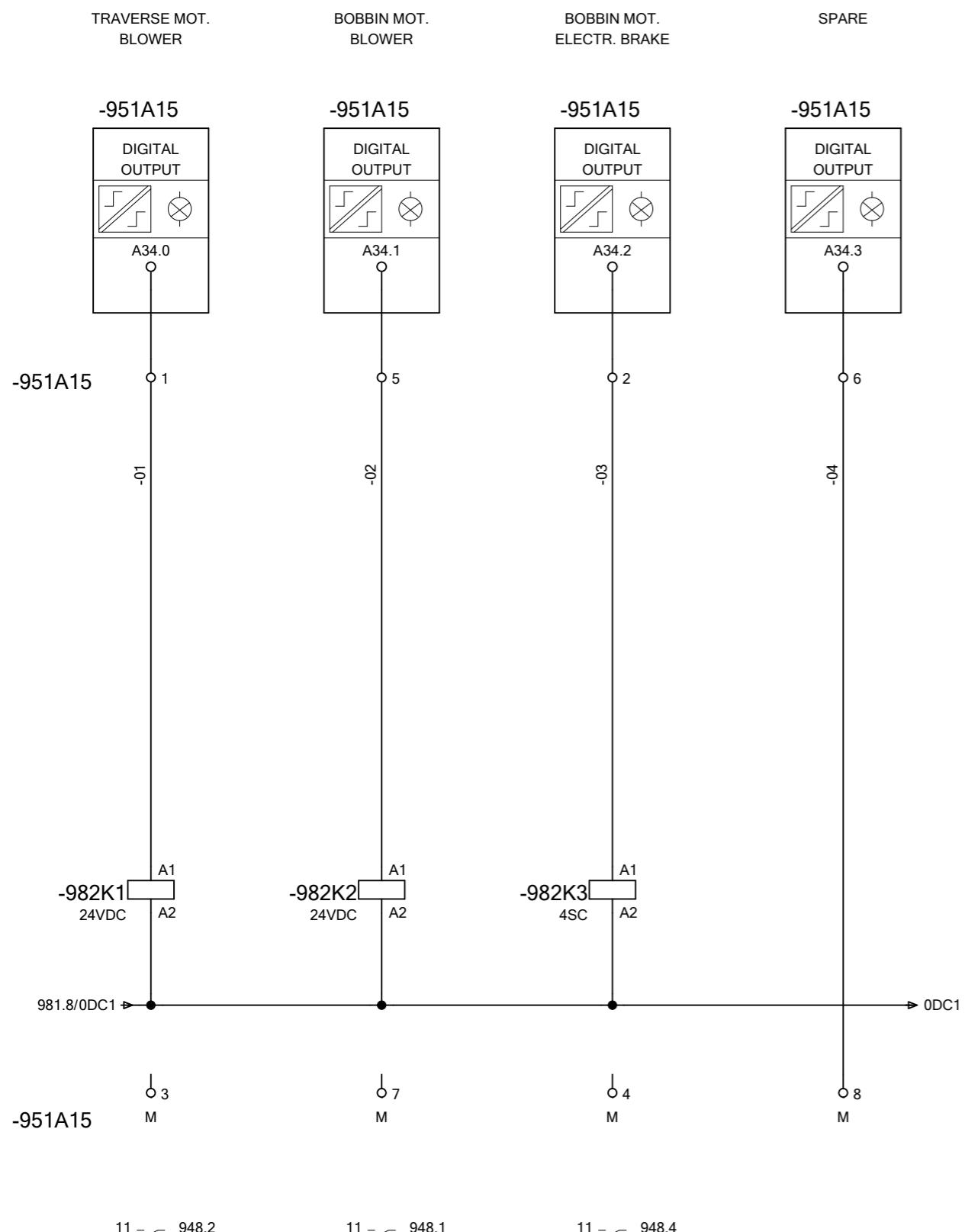


		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL INPUTS	DW0057070014	= TAKEUP
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB3
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO 968
					BERGAMO - ITALY -			Segue 969





0 1 2 3 4 5 6 7 8 9



		Data	22.Mar.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A.	DIGITAL OUTPUTS	DW0057070014	= TAKEUP
		Dis.to	MF	1+6+12+18+24 B/630				+ MCB3
Revisione	Data	Nome	NORME	IEC-CEI				FOGLIO 982
							C.19068	Segue =X/1001

0	1	2	3	4	5	6	7	8	9	
INDICE MORSETTIERE Terminal Strip Index										
MORSETTIERA / CONNETTORE Terminal Strip / Connector =Plant+Location-IDe	T E R M	C O N N	DESCRIZIONE MORSETTIERA / CONNETTORE Terminal Strip / Connector Descript.	TIPO CONNET. Connect.Type	TOTALE Total	DAL NR. From No	AL NR. To No	PE TERM.	N TERM.	FOGLIO Sheet =Plant+Location/Sheet
+MCB1-CAP	x				29	1	PE	2	0	=X/1010
+MCB1-CMP	x				7	1	PE	2	0	=X/1011
+MCB1-CSP	x				13	7	30	0	0	=X/1012
+MCB1-OPC	x		MAIN CONTROL DESK		36	1	PE	1	0	=X/1013
+MCB1-PVD	x				16	1	PE	1	0	=X/1014
+MCB1-PVDM	x				12	5	15	1	0	=X/1015
+MCB1-FF006	x				20	1	PE	1	0	=X/1016
+MCB1-FF012	x				20	1	PE	1	0	=X/1017
+MCB1-FF018	x				20	1	PE	1	0	=X/1018
+MCB1-FF024	x				20	1	PE	1	0	=X/1019
+MCB1-CAM_OPC	x		TAKEUP OP.PAN.		35	1	PE	1	0	=X/1020
+MCB1-FF006M1	x				12	5	15	1	0	=X/1021
+MCB1-FF006M2	x				4	5	PE	1	0	=X/1022
+MCB1-FF012M1	x				12	5	15	1	0	=X/1023
+MCB1-FF012M2	x				4	5	PE	1	0	=X/1024
+MCB1-FF018M1	x				12	5	15	1	0	=X/1025
+MCB1-FF018M2	x				4	5	PE	1	0	=X/1026
+MCB1-FF024M1	x				12	5	15	1	0	=X/1027
+MCB1-FF024M2	x				4	5	PE	1	0	=X/1028
+MCB1-LOAD06	x				18	1	PE	1	0	=X/1029
+MCB1-LOAD12	x				18	1	PE	1	0	=X/1030
+MCB1-LOAD18	x				18	1	PE	1	0	=X/1031
+MCB1-LOAD24	x				18	1	PE	1	0	=X/1032
+MCB1-XUPS	x				12	1	12	2	0	=X/1033
+MCB1-DBL12	x				9	7	15	0	0	=X/1034
+MCB1-DBL18	x				9	7	15	0	0	=X/1035
+MCB1-DBL24	x				9	7	15	0	0	=X/1036
+MCB3-CAP	x				43	1	PE	6	0	=X/1037
+MCB3-951A2	x				8	1	8	0	0	=X/1038
+MCB3-951A4	x				12	3	6	0	0	=X/1039
+MCB3-951A5	x				12	1	A7	0	0	=X/1040
+MCB3-951A6	x				12	1	A8	0	0	=X/1041
+MCB3-951A7	x				12	1	A7	0	0	=X/1042
+MCB3-951A8	x				12	1	A8	0	0	=X/1043
+MCB3-951A9	x				12	1	A8	0	0	=X/1044

		Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	TERMINAL STRIP INDEX	DW0057070014	= X
		Dis.to	MF					+ FOGLIO
							C.19068	1001 Segue
Revisione	Data	Nome	NORME	IEC-CEI				1001.1

0	1	2	3	4	5	6	7	8	9
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## INDICE MORSETTIERE

### Terminal Strip Index

MORSETTIERA / CONNETTORE Terminal Strip / Connector =Plant+Location-IDe	T E R M	C O N N	DESCRIZIONE MORSETTIERA / CONNETTORE Terminal Strip / Connector Descript.	TIPO CONNET. Connect.Type	TOTALE Total	DAL NR. From No	AL NR. To No	PE TERM.	N TERM.	FOGLIO Sheet =Plant+Location/Sheet
+MCB3-951A13	x				8	1	8	0	0	=X/1045
+MCB3-951A14	x				8	1	8	0	0	=X/1046
+MCB3-951A15	x				8	1	8	0	0	=X/1047
+MCB3-CAP_PB1	x				12	7	18	0	0	=X/1048
+MCB3-CAP_PB2	x				12	7	18	0	0	=X/1049
+OPC-OPC	x				36	1	PE	1	0	=X/1050
+CAP_OP_CAP_OP_C	x	x			35	1	PE	1	0	=X/1051
+LCP1-FSF		x			15	1	15	0	0	=X/1052
+LCP1-FF006	x	x			12	1	10	0	0	=X/1053
+LCP1-ACF06_2	x	x			10	1	PE	0	0	=X/1054
+LCP1-FF006_1	x				22	1	PE	1	0	=X/1055
+LCP1-FF006_2	x				5	5	9	0	0	=X/1056
+LCP1-FF006_3	x				9	1	PE	0	0	=X/1057
+LCP1-FF06_DBF	x				7	1	PE	0	0	=X/1058
+LCP1-FF06_PB	x				29	1	PE	0	0	=X/1059
+LCP2-FF012	x				12	1	10	0	0	=X/1060
+LCP2-ACF12_2	x	x			10	1	PE	0	0	=X/1061
+LCP2-FF012_1	x				22	1	PE	1	0	=X/1062
+LCP2-FF012_2	x				5	5	9	0	0	=X/1063
+LCP2-FF012_3	x				9	1	PE	0	0	=X/1064
+LCP2-FF012_PB	x				29	1	PE	0	0	=X/1065
+LCP2-FF12_DBL	x	x			8	1	PE	0	0	=X/1066
+LCP3-FF018	x				12	1	10	0	0	=X/1067
+LCP3-ACF18_2	x				10	1	P	0	0	=X/1068
+LCP3-FF018_1	x	x			25	1	PE	1	0	=X/1069
+LCP3-FF018_2	x				5	5	9	0	0	=X/1070
+LCP3-FF018_3	x				9	1	PE	0	0	=X/1071
+LCP3-FF018_PB	x				29	1	PE	0	0	=X/1072
+LCP3-FF18_DBL	x				8	1	P	0	0	=X/1073
+LCP4-FF024	x				12	1	10	0	0	=X/1074
+LCP4-ACF24_2	x				10	1	P	0	0	=X/1075
+LCP4-FF024_1	x				23	1	PE	1	0	=X/1076
+LCP4-FF024_2	x				5	5	9	0	0	=X/1077
+LCP4-FF024_3	x				9	1	PE	0	0	=X/1078
+LCP4-FF024_PB	x				29	1	PE	0	0	=X/1079

		Data	24.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	TERMINAL STRIP INDEX	DW0057070014 C.19068	= X
		Dis.to	MF	1+6+12+18+24 B/630				+ FOGLIO 1001.1
Revisione	Data	Nome	NORME	IEC-CEI				Segue 1001.2

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**INDICE MORSETTIERE**  
**Terminal Strip Index**

MORSETTIERA / CONNETTORE Terminal Strip / Connector =Plant+Location-IDe	T E R M	C O N N	DESCRIZIONE MORSETTIERA / CONNETTORE Terminal Strip / Connector Descript.	TIPO CONNET. Connect.Type	TOTALE Total	DAL NR. From No	AL NR. To No	PE TERM.	N TERM.	FOGLIO Sheet =Plant+Location/Sheet
+LCP4-FF24_DBL		X			8	1	P	0	0	=X/1080

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	TERMINAL STRIP INDEX	DW0057070014 C.19068	= X
			Dis.to	MF					+
Revisione	Data	Nome	NORME	IEC-CEI					FOGLIO 1001.2 Segue 1010

RIFERIMENTO Terminal Refer.	MORSETTIERA Terminal Strip +MCB1-CAP					FUNZIONE Function Text
	ATTACCO A MONTE Termination Source	MORSETTO Terminal	ATTACCO A VALLE Termination Target	CAVO Cable	TIPO CAVO Cable Type	
/FOGLIO.MONT. /Sheet.Path	N° COND. Wire No.	LINK Terminal Name			SEZ. CONDUT. Core Section	
=TAKEUP+MCB1/935.4	-730K1	A2	1	+MCB3-CAP	1	PE
=TAKEUP+MCB1/935.4	-126K5	43	2	+MCB3-CAP	2	=
=TAKEUP+MCB1/935.5			3			=
=TAKEUP+MCB1/935.5			3			=
=TAKEUP+MCB1/935.5	-925K3	A2	3	+MCB3-CAP	3	0VDC
=TAKEUP+MCB1/935.5	-109Q7	2	4	+MCB3-CAP	4	24VDC
=TAKEUP+MCB1/935.6	-607Q2	1	5	+MCB3-CAP	5	230VAC BRAKE SUPPLY
=TAKEUP+MCB1/935.6	-DBL24	10	6	+MCB3-CAP	6	=
=FEED+MCB1/125.3	-FF006	8	7	+MCB3-CAP	7	P.B.EMERGENCY
=FEED+MCB1/125.3	-X	1:	8	+MCB3-CAP	8	=
=FEED+MCB1/125.3	-FF006	10	9	+MCB3-CAP	9	=
=FEED+MCB1/125.3	-3		10	+MCB3-CAP	10	=
=TAKEUP+MCB1/935.7			11			SPARE
=TAKEUP+MCB1/935.7			12			=
=TAKEUP+MCB1/935.8	-913G1	23	13	+MCB3-CAP	13	TRAVERSE MOT. ENCODER
=TAKEUP+MCB1/935.8	-913G1	24	14	+MCB3-CAP	14	=
=TAKEUP+MCB1/935.8	-913G1	25	15	+MCB3-CAP	15	=
=TAKEUP+MCB1/935.8	-913G1	SCH	16	+MCB3-CAP	16	=
=TAKEUP+MCB1/911.3	-911G1	23	17	+BRD-911B1	K0V	BOBBIN MOTOR ENCODER
=TAKEUP+MCB1/911.3	-911G1	24	18	+BRD-911B1	EUA1	=
=TAKEUP+MCB1/911.3	-911G1	25	19	+BRD-911B1	HUA2	=
=TAKEUP+MCB1/911.3	-911G1	28	20	+BRD-911B1	MUP	=
=TAKEUP+MCB1/911.4	-911G1	29	21	+BRD-911M1		KTY
=TAKEUP+MCB1/911.4	-911G1	30	22	+BRD-911M1		=
=TAKEUP+MCB1/935.1	-935F1		L1	+MCB3-CAP	L1	PAY OFF REMOTE CONTROL SUPPLY
=TAKEUP+MCB1/935.1	-935F1		L2	+MCB3-CAP	L2	=
=TAKEUP+MCB1/935.1	-935F1		L3	+MCB3-CAP	L3	=
=TAKEUP+MCB1/935.4	-PE		PE	+MCB3-CAP	PE	PE

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+MCB1-CMP	DW0057070014 C.19068	= X	
			Dis.to	MF					+	
									FOGLIO	1011
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1012

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+MCB1-CSP	DW0057070014 C.19068	= X	
			Dis.to	MF					+	
									FOGLIO	1012
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1013

RIFERIMENTO Terminal Refer.	/FOGLIO.MONT. /Sheet.Path	MORSETTIERA Terminal Strip +MCB1-OPC					FUNZIONE Function Text	CAVO Cable	TIPO CAVO Cable Type	SEZ. CONDUT. Core Section
		ATTACCO A MONTE Termination Source	NOME MORSETTO Terminal Name	L I N K	MORSETTO Terminal	ATTACCO A VALLE Termination Target				
		=Plant+Locat-IDe	:PIN	=Plant+Locat-IDe	:PIN					
=FEED+MCB1/130.1					1	+OPC-OPC	1	SPARE		
=FEED+MCB1/130.1					2	+OPC-OPC	2	=		
=FEED+MCB1/130.1				●	3	+OPC-OPC	3	0V		
=FEED+MCB1/130.2				●	3	+OPC-OPC	3	=		
=FEED+MCB1/130.2		-126H1	X2	●	3	+OPC-OPC	3	=		
=FEED+MCB1/130.2		-126H1	X1	●	4	+OPC-OPC	4	24VDC		
=FEED+MCB1/130.2				●	4	+OPC-OPC	4	=		
=FEED+MCB1/130.3				●	4	+OPC-OPC	4	=		
=FEED+MCB1/130.3		-109Q4	2		5	+OPC-OPC	5	=		
=FEED+MCB1/130.3					6	+OPC-OPC	6	SPARE		
=FEED+MCB1/125.1	-01	-125S1			7	+OPC-OPC	7	P.B.EMERGENCY		
=FEED+MCB1/125.1	-03	-CAM_OP	7		8	+OPC-OPC	8	=		
=FEED+MCB1/125.1	-02	-125S1			9	+OPC-OPC	9	=		
=FEED+MCB1/125.1	-04	-CAM_OP	9		10	+OPC-OPC	10	=		
=FEED+MCB1/102.3		-102X1			11	+OPC-OPC	11	230V SERVICE SOCKET		
=FEED+MCB1/102.3		-102X1			12	+OPC-OPC	12	=		
=FEED+MCB1/177.7					13	+OPC-OPC	13	SPARE		
=FEED+MCB1/177.8					14	+OPC-OPC	14	=		
=FEED+MCB1/183.1	-01	-151A6	34		15	+OPC-OPC	15	LINE RUN LAMP		
=FEED+MCB1/183.1	-02	-151A6	36		16	+OPC-OPC	16	LINE SPEED HOLD LAMP		
=FEED+MCB1/136.1	-01	-183K2	14		17	+OPC-OPC	17	ALARMS LAMPS		
=FEED+MCB1/137.1	-01	-925K3	14		18	+OPC-OPC	18	BOBBIN TAKEUP RUNNING		
=FEED+MCB1/177.7					19	+OPC-OPC	19	SPARE		
=FEED+MCB1/177.8		-CAM_OP	28		20	+OPC-OPC	20	TAKE UP BOBBIN STOP		
=FEED+MCB1/177.8	-07	-151A4	23		21	+OPC-OPC	21	=		
=FEED+MCB1/177.9	-08	-151A4	24		22	+OPC-OPC	22	TAKE UP BOBBIN START		
=FEED+MCB1/177.1	-01	-151A5	25		23	+OPC-OPC	23	LINE STOP		
=FEED+MCB1/177.1		-CAM_OP	12		24	+OPC-OPC	24	=		
=FEED+MCB1/177.1	-02	-151A5	26		25	+OPC-OPC	25	LINE RUN		
=FEED+MCB1/177.2	-03	-151A5	27		26	+OPC-OPC	26	LINE JOG		
=FEED+MCB1/177.3	-04	-151A5	28		27	+OPC-OPC	27	ALARM RESET		
=FEED+MCB1/177.4	-05	-151A5	29		28	+OPC-OPC	28	LINE SPEED HOLD		
=FEED+MCB1/177.5	-06	-151A4	29		29	+OPC-OPC	29	CABLE BLOCK OPENING		
=FEED+MCB1/177.6	-07	-151A4	32		30	+OPC-OPC	30	CAPSTAN FORWARD JOG		
=FEED+MCB1/177.7	-08	-151A4	33		31	+OPC-OPC	31	CAPSTAN BACKWARD JOG		
=FEED+MCB1/130.0				PE	+OPC-OPC	PE	PE			







RIFERIMENTO Terminal Refer.	MORSETTIERA Terminal Strip						FUNZIONE Function Text	
	/FOGLIO.MONT. /Sheet.Path	N° COND. Wire No.	ATTACCO A MONTE Termination Source	MORSETTO Terminal	ATTACCO A VALLE Termination Target	CAVO Cable		
			=Plant+Locat-IDe	:PIN	=Plant+Locat-IDe	:PIN	TIPO CAVO Cable Type	
			NOME MORSETTO Terminal Name	L I N K			SEZ. CONDUT. Core Section	
=CAGE12+MCB1/440.1		-500K12	_4		1	+LCP2-FFO12	1	0VAC
=CAGE12+MCB1/440.1		-440Q1	2		2	+LCP2-FFO12	2	230VAC
=CAGE12+MCB1/440.2				●	3			=
=CAGE12+MCB1/440.3				●	3			=
=CAGE12+MCB1/440.3		-432K7	A2	●	3	+LCP2-FFO12	3	0DC1
=CAGE12+MCB1/440.3		-109Q10	2	●	4	+LCP2-FFO12	4	24VDC
=CAGE12+MCB1/440.3				●	4			=
=CAGE12+MCB1/440.3				●	4			=
=CAGE12+MCB1/440.4					5			SPARE
=CAGE12+MCB1/440.4					6			=
=FEED+MCB1/125.3	-15	-FFO18	7		7	+LCP2-FFO12	7	P.B.EMERGENCY
=FEED+MCB1/125.3	-13	-FFO06	7		8	+LCP2-FFO12	8	=
=FEED+MCB1/125.3	-16	-FFO18	9		9	+LCP2-FFO12	9	=
=FEED+MCB1/125.3	-14	-FFO06	9		10	+LCP2-FFO12	10	=
=CAGE12+MCB1/406.1	-01	-430K1	2		11	+LCP2-FFO12_2	7	GUARD MOT. BLOWER
=CAGE12+MCB1/406.1	-02	-430K1	4		12	+LCP2-FFO12_2	8	=
=CAGE12+MCB1/406.1	-03	-430K1	6		13	+LCP2-FFO12_2	9	=
=CAGE12+MCB1/406.6	ORANGE	-FFO06	17		17	+LCP2-FFO12_2	5	CAGE LIGHTING
=CAGE12+MCB1/406.6		-FFO06	18		18	+LCP2-FFO12_2	6	=
=CAGE12+MCB1/440.1		-PE		PE		+LCP2-PE		PE





RIFERIMENTO Terminal Refer.	MORSETTIERA Terminal Strip						FUNZIONE Function Text		
	/FOGLIO.MONT. /Sheet.Path	N° COND. Wire No.	ATTACCO A MONTE Termination Source	L I N K	MORSETTO Terminal	ATTACCO A VALLE Termination Target	CAVO Cable	TIPO CAVO Cable Type	SEZ. CONDUT. Core Section
			=Plant+Locat-IDe	:PIN	NOME MORSETTO Terminal Name	=Plant+Locat-IDe	:PIN		
=TAKEUP+MCB1/921.1					1	+CAP_OPC-CAP_OPC	1	SPARE	
=TAKEUP+MCB1/921.1					2	+CAP_OPC-CAP_OPC	2	=	
=TAKEUP+MCB1/921.2					3	+CAP_OPC-CAP_OPC	3	0V	
=TAKEUP+MCB1/921.2					3	+CAP_OPC-CAP_OPC	3	=	
=TAKEUP+MCB1/921.2		-732K1	A2		3	+CAP_OPC-CAP_OPC	3	=	
=TAKEUP+MCB1/921.2		-PVD	4		4	+CAP_OPC-CAP_OPC	4	24VDC	
=TAKEUP+MCB1/921.2					4	+CAP_OPC-CAP_OPC	4	=	
=TAKEUP+MCB1/921.3					4	+CAP_OPC-CAP_OPC	4	=	
=TAKEUP+MCB1/921.3					5	+CAP_OPC-CAP_OPC	5	SPARE	
=TAKEUP+MCB1/921.3					6	+CAP_OPC-CAP_OPC	6	=	
=FEED+MCB1/125.1	-03	-OPC	8		7	+CAP_OPC-CAP_OPC	7	P.B.EMERGENCY	
=FEED+MCB1/125.1	-05	-CSP	7		8	+CAP_OPC-CAP_OPC	8	=	
=FEED+MCB1/125.1	-04	-OPC	10		9	+CAP_OPC-CAP_OPC	9	=	
=FEED+MCB1/125.1	-06	-CSP	9		10	+CAP_OPC-CAP_OPC	10	=	
=TAKEUP+MCB1/923.1					11	+CAP_OPC-CAP_OPC	11	SPARE	
=TAKEUP+MCB1/923.1		-OPC	24		12	+CAP_OPC-CAP_OPC	12	LINE STOP	
=TAKEUP+MCB1/923.1					13	+CAP_OPC-CAP_OPC	13	SPARE	
=TAKEUP+MCB1/923.2	-03	-151A5	27		14	+CAP_OPC-CAP_OPC	14	LINE JOG P.B.	
=TAKEUP+MCB1/923.1					15	+CAP_OPC-CAP_OPC	15	SPARE	
=TAKEUP+MCB1/925.2					16	+CAP_OPC-CAP_OPC	16	TRAVERSE QUICK RIGHT	
=FEED+MCB1/136.2		-OPC	17		17	+CAP_OPC-CAP_OPC	17	ALARMS LAMPS	
=FEED+MCB1/137.2		-OPC	18		18	+CAP_OPC-CAP_OPC	18	BOBBIN TAKEUP RUNNING	
=TAKEUP+MCB1/921.4		-911G1	19		19	+CAP_OPC-CAP_OPC	19	BOBBIN MOT. CURRENT	
=TAKEUP+MCB1/921.4		-911G1	20		20	+CAP_OPC-CAP_OPC	20	=	
=TAKEUP+MCB1/921.4		-911G1	SCH		21	+CAP_OPC-CAP_OPC	21	=	
=TAKEUP+MCB1/925.1	-01	-151A6			22	+CAP_OPC-CAP_OPC	22	TRAVERSE QUICK LEFT	
=TAKEUP+MCB1/925.2	-02	-151A6			23	+CAP_OPC-CAP_OPC	23	=	
=TAKEUP+MCB1/922.2	-03	-151A4	15		24	+CAP_OPC-CAP_OPC	24	=	
=TAKEUP+MCB1/922.3	-04	-151A4	16		25	+CAP_OPC-CAP_OPC	25	TRAVERSE QUICK RIGHT	
=TAKEUP+MCB1/922.4	-05	-151A4	19		26	+CAP_OPC-CAP_OPC	26	BOBBIN INCREASE PULL	
=TAKEUP+MCB1/922.5	-06	-151A4	22		27	+CAP_OPC-CAP_OPC	27	BOBBIN DECREASE PULL	
=TAKEUP+MCB1/922.6		-OPC	20		28	+CAP_OPC-CAP_OPC	28	BOBBIN TAKE UP STOP	
=TAKEUP+MCB1/922.7	-08	-151A4	24		29	+CAP_OPC-CAP_OPC	29	BOBBIN TAKE UP START	
=TAKEUP+MCB1/922.8	-04	-151A5	28		30	+CAP_OPC-CAP_OPC	30	ALARM RESET	
=TAKEUP+MCB1/921.0					PE	+CAP_OPC-CAP_OPC	PE	PE	





























			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+MCB1-DBL18	DW0057070014 C.19068	= X	
			Dis.to	MF					+	
									FOGLIO	1035
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1036

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+MCB1-DBL24	DW0057070014 C.19068	= X	
			Dis.to	MF					+	
									FOGLIO	1036
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1037

RIFERIMENTO Terminal Refer.	MORSETTIERA Terminal Strip +MCB3-CAP						FUNZIONE Function Text	
	ATTACCO A MONTE Termination Source	NOME MORSETTO Terminal Name	L I N K	MORSETTO Terminal	ATTACCO A VALLE Termination Target	CAVO Cable	TIPO CAVO Cable Type	SEZ. CONDUT. Core Section
/FOGLIO.MONT. /Sheet.Path	N° COND. Wire No.	=Plant+Locat-IDe	:PIN	=Plant+Locat-IDe	:PIN			
=TAKEUP+MCB3/941.2	-945Q2	3		1	+MCB1-CAP	1	AUXILIARY 230VAC	
=TAKEUP+MCB3/941.2	-945Q2	1		2	+MCB1-CAP	2	=	
=TAKEUP+MCB3/941.3				3			=	
=TAKEUP+MCB3/941.3				3			=	
=TAKEUP+MCB3/941.3	-941H1	X2		3	+MCB1-CAP	3	AUXILIARY 0VDC	
=TAKEUP+MCB3/941.3	-941H1	X1		4	+MCB1-CAP	4	AUXILIARY 24VDC	
=TAKEUP+MCB3/941.5	-941Q2	2		5	+MCB1-CAP	5	BOBBIN MOT. BRAKE SUPPLY	
=TAKEUP+MCB3/941.5	-CAP	18		6	+MCB1-CAP	6	=	
=TAKEUP+MCB3/941.7	-CAP_PB2	8		7	+MCB1-CAP	7	EMERGENCY P.B.	
=TAKEUP+MCB3/941.6	-941S1			8	+MCB1-CAP	8	=	
=TAKEUP+MCB3/941.7	-CAP_PB2	10		9	+MCB1-CAP	9	=	
=TAKEUP+MCB3/941.7	-941S1			10	+MCB1-CAP	10	=	
=TAKEUP+MCB3/941.6				12			SPARE	
=TAKEUP+MCB3/941.8 -01	+BRD-959B1	K0V		13	+MCB1-CAP	13	TRAVERSE MOT. ENCODER	
=TAKEUP+MCB3/941.8 -02	+BRD-959B1	EA		14	+MCB1-CAP	14	=	
=TAKEUP+MCB3/941.9 -03	+BRD-959B1	HB		15	+MCB1-CAP	15	=	
=TAKEUP+MCB3/941.9	SCH			16	+MCB1-CAP	16	=	
=TAKEUP+MCB3/948.4 -05	-982K3	14		17	+BRD-911M1		BOBBIN MOT. BRAKE	
=TAKEUP+MCB3/948.4	-CAP	6		18	+BRD-911M1		=	
=TAKEUP+MCB3/944.1 -04	-947K1	2		31	+BRD-944M1	U	IDLE PINTLE UP/DOWN	
=TAKEUP+MCB3/944.1 -05	-947K1	4		32	+BRD-944M1	V	=	
=TAKEUP+MCB3/944.1 -06	-947K1	6		33	+BRD-944M1	W	=	
=TAKEUP+MCB3/944.1				PE	+BRD-944M1	PE	=	
=TAKEUP+MCB3/944.3 -10	-947K3	2		34	+BRD-944M2	U	DRIVEN PINTLE UP/DOWN	
=TAKEUP+MCB3/944.3 -11	-947K3	4		35	+BRD-944M2	V	=	
=TAKEUP+MCB3/944.3 -12	-947K3	6		36	+BRD-944M2	W	=	
=TAKEUP+MCB3/944.4				PE	+BRD-944M2	PE	=	
=TAKEUP+MCB3/944.5 -16	-947K5	2		37	+BRD-944M3	U	PINTLES OPEN/CLOSE	
=TAKEUP+MCB3/944.6 -17	-947K5	4		38	+BRD-944M3	V	=	
=TAKEUP+MCB3/944.6 -18	-947K5	6		39	+BRD-944M3	W	=	
=TAKEUP+MCB3/944.6				PE	+BRD-944M3	PE	=	
=TAKEUP+MCB3/945.1 -01	-948K1	2		40	+BRD-945M1	U	BOBBIN BLOWER MOTOR	
=TAKEUP+MCB3/945.1 -02	-948K1	4		41	+BRD-945M1	V	=	
=TAKEUP+MCB3/945.1 -03	-948K1	6		42	+BRD-945M1	W	=	
=TAKEUP+MCB3/945.1				PE	+BRD-945M1	PE	=	
=TAKEUP+MCB3/945.3 -04	-948K2	2		43	+BRD-245M1	A1	TRAVERSE BLOWER MOTOR	
=TAKEUP+MCB3/945.3 -06	-948K2	6		44	+BRD-245M1	A2	=	
=TAKEUP+MCB3/945.3				45			=	
=TAKEUP+MCB3/945.4				PE			=	



			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+MCB3-951A2	DW0057070014 C.19068	= X	
			Dis.to	MF					+	FOGLIO
										1038
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1039























RIFERIMENTO Terminal Refer.	MORSETTIERA Terminal Strip +OPC-OPC						FUNZIONE Function Text		
	/FOGLIO.MONT. /Sheet.Path	N° COND. Wire No.	ATTACCO A MONTE Termination Source	L I N K	MORSETTO Terminal	ATTACCO A VALLE Termination Target	CAVO Cable	TIPO CAVO Cable Type	SEZ. CONDUT. Core Section
			=Plant+Locat-IDe	:PIN	NOME MORSETTO Terminal Name	=Plant+Locat-IDe	:PIN		
=FEED+MCB1/130.1					1	+MCB1-OPC	1	SPARE	
=FEED+MCB1/130.1					2	+MCB1-OPC	2	=	
=FEED+MCB1/130.1					3	+MCB1-OPC	3	0V	
=FEED+MCB1/130.2		-177S4	X2		3	+MCB1-OPC	3	=	
=FEED+MCB1/130.2		-177S4	X2		3	+MCB1-OPC	3	=	
=FEED+MCB1/130.2		-177S2	3		4	+MCB1-OPC	4	24VDC	
=FEED+MCB1/130.2		-177S2	3		4	+MCB1-OPC	4	=	
=FEED+MCB1/130.3					4	+MCB1-OPC	4	=	
=FEED+MCB1/130.3		-173A1	1+24VDC		5	+MCB1-OPC	5	=	
=FEED+MCB1/130.3					6	+MCB1-OPC	6	SPARE	
=FEED+MCB1/125.1		-125S2			7	+MCB1-OPC	7	P.B.EMERGENCY	
=FEED+MCB1/125.1		-125S2			8	+MCB1-OPC	8	=	
=FEED+MCB1/125.1		-125S2			9	+MCB1-OPC	9	=	
=FEED+MCB1/125.1		-125S2			10	+MCB1-OPC	10	=	
=FEED+MCB1/102.3		-102X3			11	+MCB1-OPC	11	230V SERVICE SOCKET	
=FEED+MCB1/102.3		-102X3			12	+MCB1-OPC	12	=	
=FEED+MCB1/177.7					13	+MCB1-OPC	13	SPARE	
=FEED+MCB1/177.8					14	+MCB1-OPC	14	=	
=FEED+MCB1/183.1		-177S2	X1		15	+MCB1-OPC	15	LINE RUN LAMP	
=FEED+MCB1/183.1		-177S5	X1		16	+MCB1-OPC	16	LINE SPEED HOLD LAMP	
=FEED+MCB1/136.1		-177S4	X1		17	+MCB1-OPC	17	ALARMS LAMPS	
=FEED+MCB1/137.1		-177S10	X1		18	+MCB1-OPC	18	BOBBIN TAKEUP RUNNING	
=FEED+MCB1/177.7					19	+MCB1-OPC	19	SPARE	
=FEED+MCB1/177.8		-177S9	4		20	+MCB1-OPC	20	TAKE UP BOBBIN STOP	
=FEED+MCB1/177.8		-177S9	3		21	+MCB1-OPC	21	=	
=FEED+MCB1/177.9		-177S10	4		22	+MCB1-OPC	22	TAKE UP BOBBIN START	
=FEED+MCB1/177.1		-177S1	2		23	+MCB1-OPC	23	LINE STOP	
=FEED+MCB1/177.1		-177S1	1		24	+MCB1-OPC	24	=	
=FEED+MCB1/177.1		-177S2	4		25	+MCB1-OPC	25	LINE RUN	
=FEED+MCB1/177.2		-177S3			26	+MCB1-OPC	26	LINE JOG	
=FEED+MCB1/177.3		-177S4	4		27	+MCB1-OPC	27	ALARM RESET	
=FEED+MCB1/177.4		-177S5	4		28	+MCB1-OPC	28	LINE SPEED HOLD	
=FEED+MCB1/177.5		-177S6	4		29	+MCB1-OPC	29	CABLE BLOCK OPENING	
=FEED+MCB1/177.6		-177S7			30	+MCB1-OPC	30	CAPSTAN FORWARD JOG	
=FEED+MCB1/177.7		-177S7			31	+MCB1-OPC	31	CAPSTAN BACKWARD JOG	
=FEED+MCB1/130.0				PE	+MCB1-OPC	PE	PE		

RIFERIMENTO Terminal Refer.	MORSETTIERA Terminal Strip						FUNZIONE Function Text	
	/FOGLIO.MONT. /Sheet.Path	N° COND. Wire No.	ATTACCO A MONTE Termination Source	MORSETTO Terminal	ATTACCO A VALLE Termination Target	CAVO Cable	TIPO CAVO Cable Type	SEZ. CONDUT. Core Section
			=Plant+Locat-IDe	:PIN	L I N K	=Plant+Locat-IDe	:PIN	
			NOME MORSETTO Terminal Name					
=TAKEUP+MCB1/921.1					1	+MCB1-CAM_OP	1	SPARE
=TAKEUP+MCB1/921.1					2	+MCB1-CAM_OP	2	=
=TAKEUP+MCB1/921.2				●	3	+MCB1-CAM_OP	3	0V
=TAKEUP+MCB1/921.2				●	3	+MCB1-CAM_OP	3	=
=TAKEUP+MCB1/921.2				●	3	+MCB1-CAM_OP	3	=
=TAKEUP+MCB1/921.2				●	4	+MCB1-CAM_OP	4	24VDC
=TAKEUP+MCB1/921.2				●	4	+MCB1-CAM_OP	4	=
=TAKEUP+MCB1/921.3				●	4	+MCB1-CAM_OP	4	=
=TAKEUP+MCB1/921.3					5	+MCB1-CAM_OP	5	SPARE
=TAKEUP+MCB1/921.3					6	+MCB1-CAM_OP	6	=
=FEED+MCB1/125.1	-125S3				7	+MCB1-CAM_OP	7	P.B.EMERGENCY
=FEED+MCB1/125.1	-125S3				8	+MCB1-CAM_OP	8	=
=FEED+MCB1/125.1	-125S3				9	+MCB1-CAM_OP	9	=
=FEED+MCB1/125.1	-125S3				10	+MCB1-CAM_OP	10	=
=TAKEUP+MCB1/923.1	-923S1	2			11	+MCB1-CAM_OP	11	SPARE
=TAKEUP+MCB1/923.1	-923S1				12	+MCB1-CAM_OP	12	LINE STOP
=TAKEUP+MCB1/923.1	-923S1				13	+MCB1-CAM_OP	13	SPARE
=TAKEUP+MCB1/923.2	-923S2				14	+MCB1-CAM_OP	14	LINE JOG P.B.
=TAKEUP+MCB1/923.1	-923S2				15	+MCB1-CAM_OP	15	SPARE
=TAKEUP+MCB1/925.2	-923S2				16	+MCB1-CAM_OP	16	TRAVERSE QUICK RIGHT
=FEED+MCB1/136.2	-922S9	X1			17	+MCB1-CAM_OP	17	ALARMS LAMPS
=FEED+MCB1/137.2	-922S8	X1			18	+MCB1-CAM_OP	18	BOBBIN TAKEUP RUNNING
=TAKEUP+MCB1/921.4	-921P1				19	+MCB1-CAM_OP	19	BOBBIN MOT. CURRENT
=TAKEUP+MCB1/921.4	-921P1				20	+MCB1-CAM_OP	20	=
=TAKEUP+MCB1/921.4	SCH				21	+MCB1-CAM_OP	21	=
=TAKEUP+MCB1/925.1	-922S3	X1			22	+MCB1-CAM_OP	22	TRAVERSE QUICK LEFT
=TAKEUP+MCB1/925.2	-922S4	X1			23	+MCB1-CAM_OP	23	=
=TAKEUP+MCB1/922.2	-922S3	4			24	+MCB1-CAM_OP	24	=
=TAKEUP+MCB1/922.3	-922S4	4			25	+MCB1-CAM_OP	25	TRAVERSE QUICK RIGHT
=TAKEUP+MCB1/922.4	-922S5	4			26	+MCB1-CAM_OP	26	BOBBIN INCREASE PULL
=TAKEUP+MCB1/922.5	-922S6	4			27	+MCB1-CAM_OP	27	BOBBIN DECREASE PULL
=TAKEUP+MCB1/922.6	-922S7	4			28	+MCB1-CAM_OP	28	BOBBIN TAKE UP STOP
=TAKEUP+MCB1/922.7	-922S8	4			29	+MCB1-CAM_OP	29	BOBBIN TAKE UP START
=TAKEUP+MCB1/922.8	-922S9	4			30	+MCB1-CAM_OP	30	ALARM RESET
=TAKEUP+MCB1/921.0					PE	+MCB1-CAM_OP	PE	PE

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+LCP1-FSF	DW0057070014 C.19068	= X	
			Dis.to	MF					+	
									FOGLIO	1052
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1053

RIFERIMENTO Terminal Refer.	MORSETTIERA Terminal Strip						FUNZIONE Function Text
	/FOGLIO.MONT. /Sheet.Path	N° COND. Wire No.	ATTACCO A MONTE Termination Source	MORSETTO Terminal	ATTACCO A VALLE Termination Target	CAVO Cable	
			=Plant+Locat-IDe	:PIN	NOME MORSETTO Terminal Name	L I N K	TIPO CAVO Cable Type
=CAGE06+LCP1/351.0		-0AC1		1	+MCB1-FF006	1	AUXILIARY 230VAC
=CAGE06+LCP1/351.1		-230AC21		2	+MCB1-FF006	2	=
=CAGE06+LCP1/351.1				3			=
=CAGE06+LCP1/351.1				3			=
=CAGE06+LCP1/351.1		-351H1 X2		3	+MCB1-FF006	3	AUXILIARY 0VDC
=CAGE06+LCP1/351.2		-351H1 X1		4	+MCB1-FF006	4	AUXILIARY 24VDC
=CAGE06+LCP1/351.4				5			SPARE
=CAGE06+LCP1/351.4				6			=
=CAGE06+LCP1/351.5		-FF006_PB 10		7	+MCB1-FF006	7	EMERGENCY P.B.
=CAGE06+LCP1/351.7		-FSF 14		8	+MCB1-FF006	8	CENTR. PAYOFF EMERGENCY P.B.
=CAGE06+LCP1/351.5		-FF006_PB 11		9	+MCB1-FF006	9	EMERGENCY P.B.
=CAGE06+LCP1/351.7		-FSF 15		10	+MCB1-FF006	10	CENTR. PAYOFF EMERGENCY P.B.

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+LCP1-ACF06_2	DW0057070014 C.19068	= X	
			Dis.to	MF					+	FOGLIO
										1054
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1055

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+LCP1-FFO06_1	DW0057070014 C.19068	= X	
			Dis.to	MF					+	FOGLIO
										1055
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1056

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+LCP1-FFO06_2	DW0057070014 C.19068	= X	
			Dis.to	MF					+	FOGLIO
										1056
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1057

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+LCP1-FFO06_3	DW0057070014 C.19068	= X	
			Dis.to	MF					+	
									FOGLIO	1057
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1058

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+LCP1-FF06_DBF	DW0057070014 C.19068	= X	
			Dis.to	MF					+	FOGLIO
										1058
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1059





			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+LCP2-ACF12_2	DW0057070014 C.19068	= X	
			Dis.to	MF					+	FOGLIO
										1061
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1062

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+LCP2-FFO12_1	DW0057070014 C.19068	= X	
			Dis.to	MF					+	
									FOGLIO	1062
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1063

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+LCP2-FFO12_2	DW0057070014 C.19068	= X	
			Dis.to	MF					+	
									FOGLIO	1063
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1064

			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+LCP2-FFO12_3	DW0057070014 C.19068	= X	
			Dis.to	MF					+	FOGLIO
										1064
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1065



			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+LCP2-FF12_DBL	DW0057070014 C.19068	= X	
			Dis.to	MF					+	FOGLIO
										1066
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1067











		Data	24.Apr.2007	RIGID STRANDING COMM. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	+LCP3-FFO18_PB	DW0057070014	= X
		Dis.to	MF	1+6+12+18+24 B/630				+FOGLIO
							C.19068	1072
Revisione	Data	Nome	NORME	IEC-CEI			Segue	1073





			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+LCP4-ACF24_2	DW0057070014 C.19068	= X	
			Dis.to	MF					+	
									FOGLIO	1075
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1076





			Data	24.Apr.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	+LCP4-FFO24_3	DW0057070014 C.19068	= X	
			Dis.to	MF					+	
									FOGLIO	1078
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1079





## DISTINTA MATERIALI

## Part List

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+CAP_OPC-CARP	=FEED+MCB1/101.0	CP6442.500	CASSAXPENS+PAN380X380X249 R7035	PZ	1	RITTAL	RITCP6442500
+CAP_OPC-125S3	=FEED+MCB1/125.1	3SB3500-1HA20	FUNGO+BASE MET. RDROSSO D40 SB.ROT	PZ	1	SIEMENS	SMS3SB35001HA20
+CAP_OPC-125S3	=FEED+MCB1/125.1	3SB3400-0C	CONTATTO 1X 1C -> 400V 10AAC12 3A	PZ	2	SIEMENS	SMS3SB34000C
+CAP_OPC-125S3	=FEED+MCB1/125.1	3SB3921-0AB	TARGA ADES YE D80 " NEUTRA "	PZ	1	SIEMENS	SMS3SB39210AB
+CAP_OPC-921P1	=TAKEUP+MCB1/921.4	AN232A1001-30A	AMPEROMET 90° 1MA / 30A 72Q	PZ	1	IME	IMEAN232A1001F
+CAP_OPC-921P1	=TAKEUP+MCB1/921.4	S5D09-ESE1284	CONVERT 1MA/10V STRUM IME TRIM 10K	PZ	1	SIEI PETERLONGO	SPLNS5D09
+CAP_OPC-922S3	=TAKEUP+MCB1/922.2	3SB3501-0AA61	PULSANTE WHBIANCO PIATTO LUM.+B.MET	PZ	1	SIEMENS	SMS3SB35010AA61
+CAP_OPC-922S3	=TAKEUP+MCB1/922.2	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+CAP_OPC-922S3	=TAKEUP+MCB1/922.2	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+CAP_OPC-922S4	=TAKEUP+MCB1/922.3	3SB3501-0AA61	PULSANTE WHBIANCO PIATTO LUM.+B.MET	PZ	1	SIEMENS	SMS3SB35010AA61
+CAP_OPC-922S4	=TAKEUP+MCB1/922.3	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+CAP_OPC-922S4	=TAKEUP+MCB1/922.3	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+CAP_OPC-922S5	=TAKEUP+MCB1/922.4	3SB3500-0AA61	PULSANTE WH BIANCO PIATTO+BASE MET.	PZ	1	SIEMENS	SMS3SB35000AA61
+CAP_OPC-922S5	=TAKEUP+MCB1/922.4	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+CAP_OPC-922S6	=TAKEUP+MCB1/922.5	3SB3500-0AA61	PULSANTE WH BIANCO PIATTO+BASE MET.	PZ	1	SIEMENS	SMS3SB35000AA61
+CAP_OPC-922S6	=TAKEUP+MCB1/922.5	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+CAP_OPC-922S7	=TAKEUP+MCB1/922.6	3SB3500-0AA11	PULSANTE BK NERO PIATTO+BASE MET.	PZ	1	SIEMENS	SMS3SB35000AA11
+CAP_OPC-922S7	=TAKEUP+MCB1/922.6	3SB3400-0C	CONTATTO 1X 1C -> 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000C
+CAP_OPC-922S8	=TAKEUP+MCB1/922.7	3SB3501-0AA71	PULSANTE TRASPAR. PIATTO LUM.+B.MET	PZ	1	SIEMENS	SMS3SB35010AA71
+CAP_OPC-922S8	=TAKEUP+MCB1/922.7	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+CAP_OPC-922S8	=TAKEUP+MCB1/922.7	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+CAP_OPC-922S9	=TAKEUP+MCB1/922.8	3SB3501-0AA51	PULSANTE BU BLU PIATTO LUM+BASE MET	PZ	1	SIEMENS	SMS3SB35010AA51
+CAP_OPC-922S9	=TAKEUP+MCB1/922.8	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+CAP_OPC-922S9	=TAKEUP+MCB1/922.8	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+CAP_OPC-923S1	=TAKEUP+MCB1/923.1	3SB3500-0AA11	PULSANTE BK NERO PIATTO+BASE MET.	PZ	1	SIEMENS	SMS3SB35000AA11
+CAP_OPC-923S1	=TAKEUP+MCB1/923.1	3SB3400-0C	CONTATTO 1X 1C -> 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000C
+CAP_OPC-923S2	=TAKEUP+MCB1/923.2	3SB3500-0AA61	PULSANTE WH BIANCO PIATTO+BASE MET.	PZ	1	SIEMENS	SMS3SB35000AA61
+CAP_OPC-923S2	=TAKEUP+MCB1/923.2	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+LCP1-356A1	=CAGE06+LCP1/356.1	6ES7153-1AA030XB0	INTERF IM153-1 12MB/S XET200M L2-DP	PZ	1	SIEMENS	SMS6ES71531AA00
+LCP1-356A1	=CAGE06+LCP1/356.1	6ES7390-1AF300AA0	GUIDA PROFILATA XS7300 L530	PZ	1	SIEMENS	SMS6ES73901AF30
+LCP1-356A3	=CAGE06+LCP1/356.2	6ES7332-5HD010AB0	OUT 4AO DAC11/12BIT SM332 XS7300	PZ	1	SIEMENS	SMS6ES73325HD00
+LCP1-356A3	=CAGE06+LCP1/356.2	6ES7392-1AJ000AA0	CONNET FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP1-356A4	=CAGE06+LCP1/356.3	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP1-356A4	=CAGE06+LCP1/356.3	6ES7392-1AJ000AA0	CONNET FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP1-356A5	=CAGE06+LCP1/356.4	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PART LIST	DW0057070014 C.19068	= X
			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					1250 Segue

**DISTINTA MATERIALI**  
**Part List**

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+LCP1-356A5	=CAGE06+LCP1/356.4	6ES7392-1AJ000AA0	CONNET FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP1-356A6	=CAGE06+LCP1/356.5	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP1-356A6	=CAGE06+LCP1/356.5	6ES7392-1AJ000AA0	CONNET FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP1-356A7	=CAGE06+LCP1/356.7	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP1-356A7	=CAGE06+LCP1/356.7	6ES7392-1AJ000AA0	CONNET FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP1-356A8	=CAGE06+LCP1/356.1.1	6ES7322-1BH010AA0	OUT 16DO 24DC0,5A SEP SM322 XS7-300	PZ	1	SIEMENS	SMS6ES73221BH00
+LCP1-356A8	=CAGE06+LCP1/356.1.1	6ES7392-1AJ000AA0	CONNET FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP1-356A9	=CAGE06+LCP1/356.1.2	6ES7322-1BH010AA0	OUT 16DO 24DC0,5A SEP SM322 XS7-300	PZ	1	SIEMENS	SMS6ES73221BH00
+LCP1-356A9	=CAGE06+LCP1/356.1.2	6ES7392-1AJ000AA0	CONNET FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP1-356X1	=CAGE06+LCP1/356.3	6ES7972-0BB500XA0	CONNED SD9PM 12MB +PG L2DP NO SP.	PZ	1	SIEMENS	SMS6ES79720BB50
+LCP2-456A1	=CAGE12+LCP2/456.1	6ES7153-1AA030XB0	INTERF IM153-1 12MB/S XET200M L2-DP	PZ	1	SIEMENS	SMS6ES71531AA00
+LCP2-456A1	=CAGE12+LCP2/456.1	6ES7390-1AF300AA0	GUIDA PROFILATA XS7300 L530	PZ	1	SIEMENS	SMS6ES73901AF30
+LCP2-456A3	=CAGE12+LCP2/456.2	6ES7332-5HB010AB0	OUT 2AO DAC11/12BIT SM332 XS7300	PZ	1	SIEMENS	SMS6ES73325HB00
+LCP2-456A3	=CAGE12+LCP2/456.2	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP2-456A4	=CAGE12+LCP2/456.3	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP2-456A4	=CAGE12+LCP2/456.3	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP2-456A5	=CAGE12+LCP2/456.4	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP2-456A5	=CAGE12+LCP2/456.4	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP2-456A6	=CAGE12+LCP2/456.5	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP2-456A6	=CAGE12+LCP2/456.5	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP2-456A7	=CAGE12+LCP2/456.7	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP2-456A7	=CAGE12+LCP2/456.7	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP2-456A8	=CAGE12+LCP2/456.1.1	6ES7322-1BH010AA0	OUT 16DO 24DC0,5A SEP SM322 XS7-300	PZ	1	SIEMENS	SMS6ES73221BH00
+LCP2-456A8	=CAGE12+LCP2/456.1.1	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP2-456A9	=CAGE12+LCP2/456.1.2	6ES7322-1BH010AA0	OUT 16DO 24DC0,5A SEP SM322 XS7-300	PZ	1	SIEMENS	SMS6ES73221BH00
+LCP2-456A9	=CAGE12+LCP2/456.1.2	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP2-456X1	=CAGE12+LCP2/456.3	6ES7972-0BB500XA0	CONNED SD9PM 12MB +PG L2DP NO SP.	PZ	1	SIEMENS	SMS6ES79720BB50
+LCP3-556A1	=CAGE18+LCP3/556.1	6ES7153-1AA030XB0	INTERF IM153-1 12MB/S XET200M L2-DP	PZ	1	SIEMENS	SMS6ES71531AA00
+LCP3-556A1	=CAGE18+LCP3/556.1	6ES7390-1AF300AA0	GUIDA PROFILATA XS7300 L530	PZ	1	SIEMENS	SMS6ES73901AF30
+LCP3-556A3	=CAGE18+LCP3/556.2	6ES7332-5HB010AB0	OUT 2AO DAC11/12BIT SM332 XS7300	PZ	1	SIEMENS	SMS6ES73325HB00
+LCP3-556A3	=CAGE18+LCP3/556.2	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP3-556A4	=CAGE18+LCP3/556.3	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP3-556A4	=CAGE18+LCP3/556.3	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP3-556A5	=CAGE18+LCP3/556.4	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP3-556A5	=CAGE18+LCP3/556.4	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PART LIST	DW0057070014 C.19068	= X
			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					1251 Segue 1252

**DISTINTA MATERIALI**  
**Part List**

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+LCP3-556A6	=CAGE18+LCP3/556.5	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP3-556A6	=CAGE18+LCP3/556.5	6ES7392-1AJ000AA0	CONNET FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP3-556A7	=CAGE18+LCP3/556.7	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP3-556A7	=CAGE18+LCP3/556.7	6ES7392-1AJ000AA0	CONNET FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP3-556A8	=CAGE18+LCP3/556.1.1	6ES7322-1BH010AA0	OUT 16DO 24DC0,5A SEP SM322 XS7-300	PZ	1	SIEMENS	SMS6ES73221BH00
+LCP3-556A8	=CAGE18+LCP3/556.1.1	6ES7392-1AJ000AA0	CONNET FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP3-556A9	=CAGE18+LCP3/556.1.2	6ES7322-1BH010AA0	OUT 16DO 24DC0,5A SEP SM322 XS7-300	PZ	1	SIEMENS	SMS6ES73221BH00
+LCP3-556A9	=CAGE18+LCP3/556.1.2	6ES7392-1AJ000AA0	CONNET FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP3-556X1	=CAGE18+LCP3/556.3	6ES7972-0BB500XA0	CONNED SD9PM 12MB +PG L2DP NO SP.	PZ	1	SIEMENS	SMS6ES79720BB50
+LCP4-656A1	=CAGE24+LCP4/656.1	6ES7153-1AA030XB0	INTERF IM153-1 12MB/S XET200M L2-DP	PZ	1	SIEMENS	SMS6ES71531AA00
+LCP4-656A1	=CAGE24+LCP4/656.1	6ES7390-1AF300AA0	GUIDA PROFILATA XS7300 L530	PZ	1	SIEMENS	SMS6ES73901AF30
+LCP4-656A3	=CAGE24+LCP4/656.2	6ES7332-5HB010AB0	OUT 2AO DAC11/12BIT SM332 XS7300	PZ	1	SIEMENS	SMS6ES73325HB00
+LCP4-656A3	=CAGE24+LCP4/656.2	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP4-656A4	=CAGE24+LCP4/656.3	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP4-656A4	=CAGE24+LCP4/656.3	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP4-656A5	=CAGE24+LCP4/656.4	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP4-656A5	=CAGE24+LCP4/656.4	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP4-656A6	=CAGE24+LCP4/656.5	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP4-656A6	=CAGE24+LCP4/656.5	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP4-656A7	=CAGE24+LCP4/656.7	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP4-656A7	=CAGE24+LCP4/656.7	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP4-656A8	=CAGE24+LCP4/656.8	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+LCP4-656A8	=CAGE24+LCP4/656.8	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP4-656A9	=CAGE24+LCP4/656.1.1	6ES7322-1BH010AA0	OUT 16DO 24DC0,5A SEP SM322 XS7-300	PZ	1	SIEMENS	SMS6ES73221BH00
+LCP4-656A9	=CAGE24+LCP4/656.1.1	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP4-656A10	=CAGE24+LCP4/656.1.2	6ES7322-1BH010AA0	OUT 16DO 24DC0,5A SEP SM322 XS7-300	PZ	1	SIEMENS	SMS6ES73221BH00
+LCP4-656A10	=CAGE24+LCP4/656.1.2	6ES7392-1AJ000AA0	CONNED FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+LCP4-656X1	=CAGE24+LCP4/656.3	6ES7972-0BB500XA0	CONNED SD9PM 12MB +PG L2DP NO SP.	PZ	1	SIEMENS	SMS6ES79720BB50
+MCB1-BUSBAR	=FEED+MCB1/101.2	SV9342.130	PROTEZ.NE INFER PLS 1100X210 1600A (2	PZ	2	RITTAL	RITSV9342130
+MCB1-BUSBAR	=FEED+MCB1/101.2	SV9340.210	PROTEZ.NE SUPER 1100X210 .8/1,6KA	PZ	1	RITTAL	RITSV9340210
+MCB1-BUSBAR	=FEED+MCB1/101.2	SV9340.220	SUPPORTO X PROTEZ.NE SUP. .8/1,6KA	PZ	2	RITTAL	RITSV9340220
+MCB1-BUSBAR	=FEED+MCB1/101.2	SV9342.000	PORTASB X PLS 3X1600A P60 (4	PZ	7	RITTAL	RITSV9342000
+MCB1-BUSBAR	=FEED+MCB1/101.2	SV3517.000	CONNES 1X1600A LU65X19 L85 (3	CF	2	RITTAL	RITSV3517
+MCB1-BUSBAR	=FEED+MCB1/101.2	SV3516.000	SBARRA 1XCU10X2400 1368A35/65€C900Q	PZ	3	RITTAL	RITSV3516
+MCB1-BUSBAR	=FEED+MCB1/101.2	SV9342.070	PROTEZ.NE LATER SV9342 1600A (2	PZ	2	RITTAL	RITSV9342070

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PART LIST	DW0057070014 C.19068	= X
			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					1252 Segue 1253

## DISTINTA MATERIALI

## Part List

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB1-BUSBAR	=FEED+MCB1/101.2	SV9342.210	CONNES 3X 63A 2.5-10Q CU5-10 L20 INF	PZ	3	RITTAL	RITSV9342210
+MCB1-CARP800	=FEED+MCB1/101.0	TS8808.500	ARMADIO 800X2000X800 R7035 IP55/N12	PZ	1	RITTAL	RITTS8808500
+MCB1-CARP800	=FEED+MCB1/101.0	TS8601.800	FLANGE ZOCC.800X100 BH ANT/POST (2	CF	1	RITTAL	RITTS8601800
+MCB1-CARP800	=FEED+MCB1/101.0	PS4118.000	PORTASCHEMI LAMIERA B800 R2000	PZ	1	RITTAL	RITPS4118
+MCB1-CARP1200	=FEED+MCB1/101.0	TS8208.500	ARMADIO1200X2000X800 R7035 IP55/N12	PZ	5	RITTAL	RITTS8208500
+MCB1-CARP1200	=FEED+MCB1/101.0	TS8108.235	PARETE LAT STD. 800X2000 (BH) R7035 (2	CF	1	RITTAL	RITTS8108235
+MCB1-CARP1200	=FEED+MCB1/101.0	TS8601.200	FLANGE ZOCC.1200X100 BH ANT/POST (2	CF	5	RITTAL	RITTS8601200
+MCB1-CARP1200	=FEED+MCB1/101.0	TS8601.080	FLANGE ZOCC.800X100 PH LATERALE (2	CF	5	RITTAL	RITTS8601080
+MCB1-CARP1200	=FEED+MCB1/101.0	TS8800.430	SQUADRA GIUNZIONE ANGOL. TS/TS (4	CF	5	RITTAL	RITTS8800430
+MCB1-CARP1200	=FEED+MCB1/101.0	TS8800.410	GIUNZIONE PIANTONE TS/TS (6	CF	5	RITTAL	RITTS8800410
+MCB1-CARP1200	=FEED+MCB1/101.0	TS8800.880	COPERTURA ACCOPP. SUP.L.800 R7035	PZ	5	RITTAL	RITTS8800880
+MCB1-CARP1200	=FEED+MCB1/101.0	PS4591.700	PANNELLO INTERMEDIO H2000	PZ	5	RITTAL	RITPS4591
+MCB1-CAVOL2DP	=FEED+MCB1/173.1	6XV1830-0EH10	CAVO VIOLA PROFIBUS L2-DP	MT	150	SIEMENS	SMS6XV18300EH10
+MCB1-PEBAR	=FEED+MCB1/101.2	CU40X10X1500	SBARRA 40X10 CUST 715A 35/65°C	PZ	4	MOELLER	KMOCU40X10X1500
+MCB1-101H1	=FEED+MCB1/101.4	COMBI72311BI	PLAFON COMBI-F/P WH 18W230VIP20L624	PZ	1	OSRAM	OSRCOMBI72311BI
+MCB1-101H2	=FEED+MCB1/101.4	COMBI72311BI	PLAFON COMBI-F/P WH 18W230VIP20L624	PZ	1	OSRAM	OSRCOMBI72311BI
+MCB1-101H3	=FEED+MCB1/101.5	COMBI72311BI	PLAFON COMBI-F/P WH 18W230VIP20L624	PZ	1	OSRAM	OSRCOMBI72311BI
+MCB1-101H4	=FEED+MCB1/101.5	COMBI72311BI	PLAFON COMBI-F/P WH 18W230VIP20L624	PZ	1	OSRAM	OSRCOMBI72311BI
+MCB1-101H5	=FEED+MCB1/101.6	COMBI72311BI	PLAFON COMBI-F/P WH 18W230VIP20L624	PZ	1	OSRAM	OSRCOMBI72311BI
+MCB1-101H6	=FEED+MCB1/101.6	COMBI72311BI	PLAFON COMBI-F/P WH 18W230VIP20L624	PZ	1	OSRAM	OSRCOMBI72311BI
+MCB1-101K1	=FEED+MCB1/101.7	3RH1131-1AP00	RELE S00 31E 3L+1R 6A230AC15 230FU	PZ	1	SIEMENS	SMS3RH11311AP00
+MCB1-101K1	=FEED+MCB1/101.7	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-101Q1	=FEED+MCB1/101.0	3VL7712-1DE360AA0	INTER MAGN 3X1250A IM12KA ICU50KA	PZ	1	SIEMENS	SMS3VL77121DE36
+MCB1-101Q1	=FEED+MCB1/101.0	3VL9800-8CA30	PROTEZ. MORSET.ALTA 3P VL1250-16.(2	CF	1	SIEMENS	SMS3VL98008CA30
+MCB1-101Q1	=FEED+MCB1/101.0	3VL9800-3HF04	MANIGLIA+BLOCPOR BK/GY VL1250-1600	PZ	1	SIEMENS	SMS3VL98003HF04
+MCB1-101Q1	=FEED+MCB1/101.0	3VL9800-4EC30	ATTACCO SBARRA 3P VL1250-1600 (3	CF	2	SIEMENS	SMS3VL98004EC30
+MCB1-101Q1	=FEED+MCB1/101.0	3VL9800-1UH00	SGANC MINIMA 220-250VCA VL630-1600	PZ	1	SIEMENS	SMS3VL98001UH00
+MCB1-101Q1	=FEED+MCB1/101.0	552840	FLEXIBAR 5X63X1 2MT 920A	PZ	3	ERICO	ERI552840
+MCB1-101Q1	=FEED+MCB1/101.0				1		SMS8UC6084
+MCB1-101Q2	=FEED+MCB1/101.2	3RV1011-1FA10	PROTET 3,5-5,0 A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10111FA10
+MCB1-101Q4	=FEED+MCB1/101.4	5SY6104-7	AUTO MOD 1P 4A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61047BB
+MCB1-101Q5	=FEED+MCB1/101.5	5SY6102-7	AUTO MOD 1P 2A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61027BB
+MCB1-101Q7	=FEED+MCB1/101.7	5SY6104-7	AUTO MOD 1P 4A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61047BB
+MCB1-101Q8	=FEED+MCB1/101.9	5SY6102-7	AUTO MOD 1P 2A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61027BB
+MCB1-101Q9	=FEED+MCB1/101.2	5SY6210-7	AUTO MOD 2P 10A-C 400VAC 15KAICU	PZ	1	SIEMENS	SMS5SY62107BB

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PART LIST	DW0057070014 C.19068	= X
			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					1254

**DISTINTA MATERIALI**  
**Part List**

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB1-101Q9	=FEED+MCB1/101.2	5SM2322-6	DIFF.LE 2P 40A IDN30MA A X5SY 400V	PZ	1	SIEMENS	SMS5SM23226
+MCB1-101S1	=FEED+MCB1/101.7	3SB3500-2KA11	SELETTORE BKNERO 2P 0-1 50°+B.MET.	PZ	1	SIEMENS	SMS3SB35002KA11
+MCB1-101S1	=FEED+MCB1/101.7	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+MCB1-101S1	=FEED+MCB1/101.7	SITHF01W+P.TARGH	TARGH 27X15 BKWH + PORT.T.22,5+VET	PZ	1	GRAFOPLAST	GRPSITHF01W\$A
+MCB1-101T1	=FEED+MCB1/101.2				1		GTSST1000230
+MCB1-102X1	=FEED+MCB1/102.1	09967	PRESA DIN35 16A250V I-D-GB2P-USA2P	PZ	1	ABB VIMAR	ABV19967
+MCB1-104H1	=FEED+MCB1/104.3	3SB3501-6AA30	GEMMA ROT YEGIALLO+BASE MET. IP65	PZ	1	SIEMENS	SMS3SB35016AA30
+MCB1-104H1	=FEED+MCB1/104.3	3SB3400-3C	TRASFO 240/24VFU X3SB3400-1A PROF95	PZ	1	SIEMENS	SMS3SB34003C
+MCB1-104H1	=FEED+MCB1/104.3	SITHF01W+P.TARGH	TARGH 27X15 BKWH + PORT.T.22,5+VET	PZ	1	GRAFOPLAST	GRPSITHF01W\$A
+MCB1-104H1	=FEED+MCB1/104.3	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+MCB1-104H2	=FEED+MCB1/104.3	3SB3501-6AA20	GEMMA ROT RD ROSSA+BASE MET	PZ	1	SIEMENS	SMS3SB35016AA20
+MCB1-104H2	=FEED+MCB1/104.3	3SB3400-3C	TRASFO 240/24VFU X3SB3400-1A PROF95	PZ	1	SIEMENS	SMS3SB34003C
+MCB1-104H2	=FEED+MCB1/104.3	SITHF01W+P.TARGH	TARGH 27X15 BKWH + PORT.T.22,5+VET	PZ	1	GRAFOPLAST	GRPSITHF01W\$A
+MCB1-104H2	=FEED+MCB1/104.3	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+MCB1-104S1	=FEED+MCB1/104.2	3SB3500-4AD11	SEL. 2P 50°CCHIAVE ESTR.0+1 B.MET.	PZ	1	SIEMENS	SMS3SB35004AD11
+MCB1-104S1	=FEED+MCB1/104.2	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	2	SIEMENS	SMS3SB34000B
+MCB1-104S2	=FEED+MCB1/104.1	PS4127.000	MICRO PER PORTELLA 1NO+1NC	PZ	1	RITTAL	RITPS4127
+MCB1-104S3	=FEED+MCB1/104.1	PS4127.000	MICRO PER PORTELLA 1NO+1NC	PZ	1	RITTAL	RITPS4127
+MCB1-104S4	=FEED+MCB1/104.1	PS4127.000	MICRO PER PORTELLA 1NO+1NC	PZ	1	RITTAL	RITPS4127
+MCB1-104S5	=FEED+MCB1/104.1	PS4127.000	MICRO PER PORTELLA 1NO+1NC	PZ	1	RITTAL	RITPS4127
+MCB1-104S6	=FEED+MCB1/104.1	PS4127.000	MICRO PER PORTELLA 1NO+1NC	PZ	1	RITTAL	RITPS4127
+MCB1-104S7	=FEED+MCB1/104.1	PS4127.000	MICRO PER PORTELLA 1NO+1NC	PZ	1	RITTAL	RITPS4127
+MCB1-108G1	=FEED+MCB1/108.0				1		SMS6EP19312FC21
+MCB1-108G2	=FEED+MCB1/108.0	6EP1935-6ME21	BATTERIA 7AH X SITOP	PZ	1	SIEMENS	SMS6EP19356ME21
+MCB1-108G3	=FEED+MCB1/108.2	6EP1935-6ME21	BATTERIA 7AH X SITOP	PZ	1	SIEMENS	SMS6EP19356ME21
+MCB1-109G1	=FEED+MCB1/109.1	6EP1437-3BA00	ALIM ST 3X500VFU2,2A/24DCREG 40A	PZ	1	SIEMENS	SMS6EP14373BA00
+MCB1-109Q1	=FEED+MCB1/109.1	3RV1011-1DA10	PROTET 2,2-3,2 A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10111DA10
+MCB1-109Q1	=FEED+MCB1/109.1	SV9340.370	PORTA APP 25A 4Q 1XD35L45 .8/1.6kA	PZ	1	RITTAL	RITSV9340370
+MCB1-109Q2	=FEED+MCB1/109.3	5SY6104-7	AUTO MOD 1P 4A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61047BB
+MCB1-109Q2	=FEED+MCB1/109.3	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-109Q4	=FEED+MCB1/109.4	5SY6106-7	AUTO MOD 1P 6A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61067BB
+MCB1-109Q5	=FEED+MCB1/109.5	5SY6104-7	AUTO MOD 1P 4A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61047BB
+MCB1-109Q6	=FEED+MCB1/109.6	5SY6106-7	AUTO MOD 1P 6A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61067BB
+MCB1-109Q6	=FEED+MCB1/109.6	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-109Q7	=FEED+MCB1/109.1.0	5SY6104-7	AUTO MOD 1P 4A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61047BB

		Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PART LIST	DW0057070014	= X
		Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	1254 Segue 1255

**DISTINTA MATERIALI**  
Part List

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB1-109Q7	=FEED+MCB1/109.1.0	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-109Q8	=FEED+MCB1/109.1.1	5SY6104-7	AUTO MOD 1P 4A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61047BB
+MCB1-109Q8	=FEED+MCB1/109.1.1	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-109Q9	=FEED+MCB1/109.1.3	5SY6106-7	AUTO MOD 1P 6A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61067BB
+MCB1-109Q9	=FEED+MCB1/109.1.3	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-109Q10	=FEED+MCB1/109.1.4	5SY6106-7	AUTO MOD 1P 6A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61067BB
+MCB1-109Q10	=FEED+MCB1/109.1.4	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-109Q11	=FEED+MCB1/109.1.5	5SY6106-7	AUTO MOD 1P 6A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61067BB
+MCB1-109Q11	=FEED+MCB1/109.1.5	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-109Q12	=FEED+MCB1/109.1.6	5SY6106-7	AUTO MOD 1P 6A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61067BB
+MCB1-109Q12	=FEED+MCB1/109.1.6	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-109Q13	=FEED+MCB1/109.1.7	5SY6110-7	AUTO MOD 1P 10A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61107BB
+MCB1-109Q13	=FEED+MCB1/109.1.7	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-109Q14	=FEED+MCB1/109.1.8	5SY6110-7	AUTO MOD 1P 10A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61107BB
+MCB1-109Q14	=FEED+MCB1/109.1.8	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-112F1	=FEED+MCB1/112.1	3NW6003-1	FUSE 10X38 10AGG AC500V 100KAIEC269	PZ	2	SIEMENS	SMS3NW60031
+MCB1-112F1	=FEED+MCB1/112.1	3NW7023	PORTAFUSE SEZ10X38 2P AC20 25A AC	PZ	1	SIEMENS	SMS3NW7023
+MCB1-112F1	=FEED+MCB1/112.1	SV9340.370	PORTA APP 25A 4Q 1XD35L45 .8/1.6kA	PZ	1	RITTAL	RITSV9340370
+MCB1-112H1	=FEED+MCB1/112.1	3SB3501-6AA70	GEMMA ROT CL TRASP+BASE MET	PZ	1	SIEMENS	SMS3SB35016AA70
+MCB1-112H1	=FEED+MCB1/112.1	3SB3400-3C	TRASFO 240/24VFU X3SB3400-1A PROF95	PZ	1	SIEMENS	SMS3SB34003C
+MCB1-112H1	=FEED+MCB1/112.1	SITHF01W+P.TARGH	TARGH 27X15 BKWH + PORT.T.22,5+VET	PZ	1	GRAFOPLAST	GRPSITHF01W\$A
+MCB1-112H1	=FEED+MCB1/112.1	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+MCB1-112K1	=FEED+MCB1/112.1.2	3RT1023-1AL20	CONTAT.S0 4KW3X400VAC3 0L+0R 230	PZ	1	SIEMENS	SMS3RT10231AL20
+MCB1-112K1	=FEED+MCB1/112.1.2	3RT1926-1CD00	RC 127-240VAC 150-250VDC X3RT..2 S0	PZ	1	SIEMENS	SMS3RT19261CD00
+MCB1-112K1	=FEED+MCB1/112.1.2	3RT1926-2PR11	BLOCCO TEMP. PN. DISEC. S0 1-60S	PZ	1	SIEMENS	SMS3RT19262PR11
+MCB1-112Q2	=FEED+MCB1/112.1	5SY6102-7	AUTO MOD 1P 2A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61027BB
+MCB1-112Q3	=FEED+MCB1/112.3	5SY6104-7	AUTO MOD 1P 4A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61047BB
+MCB1-112Q3	=FEED+MCB1/112.3	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-112Q4	=FEED+MCB1/112.4	5SY6104-7	AUTO MOD 1P 4A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61047BB
+MCB1-112Q4	=FEED+MCB1/112.4	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-112Q6	=FEED+MCB1/112.7	5SY6104-7	AUTO MOD 1P 4A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61047BB
+MCB1-112Q6	=FEED+MCB1/112.7	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-112Q8	=FEED+MCB1/112.8	5SY6104-7	AUTO MOD 1P 4A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61047BB
+MCB1-112Q8	=FEED+MCB1/112.8	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-112Q10	=FEED+MCB1/112.1.1	5SY6106-7	AUTO MOD 1P 6A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61067BB

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PART LIST	DW0057070014 C.19068	= X
			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					1255 Segue

## DISTINTA MATERIALI

### Part List

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB1-112Q10	=FEED+MCB1/112.1.1	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-112Q11	=FEED+MCB1/112.1.2	5SY6102-7	AUTO MOD 1P 2A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61027BB
+MCB1-112T1	=FEED+MCB1/112.1				1		GTSTM016002104
+MCB1-113G1	=FEED+MCB1/113.1				1		SICON TW08
+MCB1-113G1	=FEED+MCB1/113.1				1		SICON RELAY CARD
+MCB1-113H1	=FEED+MCB1/113.4	3SB3501-6AA70	GEMMA ROT CL TRASP+BASE MET	PZ	1	SIEMENS	SMS3SB35016AA70
+MCB1-113H1	=FEED+MCB1/113.4	3SB3400-3C	TRASFO 240/24VFU X3SB3400-1A PROF95	PZ	1	SIEMENS	SMS3SB34003C
+MCB1-113H1	=FEED+MCB1/113.4	SITHF01W+P.TARGH	TARGH 27X15 BKWH + PORT.T.22,5+VET	PZ	1	GRAFOPLAST	GRPSITHF01W\$A
+MCB1-113H1	=FEED+MCB1/113.4	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+MCB1-113Q1	=FEED+MCB1/113.1	5SY6104-7	AUTO MOD 1P 4A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61047BB
+MCB1-113Q2	=FEED+MCB1/113.3	5SY6204-7	AUTO MOD 2P 4A-C 400VAC 30KAICU	PZ	1	SIEMENS	SMS5SY62047BB
+MCB1-115F1	=FEED+MCB1/115.1	3NW6005-1	FUSE 10X38 16AGG AC500V 100KAIEC269	PZ	2	SIEMENS	SMS3NW60051
+MCB1-115F1	=FEED+MCB1/115.1	3NW7023	PORTAFUSE SEZ10X38 2P AC20 25A AC	PZ	1	SIEMENS	SMS3NW7023
+MCB1-115F1	=FEED+MCB1/115.1	SV9340.370	PORTA APP 25A 4Q 1XD35L45 .8/1.6kA	PZ	1	RITTAL	RITSV9340370
+MCB1-115Q1	=FEED+MCB1/115.1	5SY6216-7	AUTO MOD 2P 16A-C 400VAC 15KAICU	PZ	1	SIEMENS	SMS5SY62167BB
+MCB1-115Q2	=FEED+MCB1/115.2	5SY6204-7	AUTO MOD 2P 4A-C 400VAC 30KAICU	PZ	1	SIEMENS	SMS5SY62047BB
+MCB1-115Q2	=FEED+MCB1/115.2	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-115T1	=FEED+MCB1/115.0	AM025002106	AUTOTRASFO 2,5KVA 1X400440V/230V	PZ	1	G.T.S.	GTSAM025002106
+MCB1-116E	=FEED+MCB1/116.1	SK3326.107	VENTIL 500/560MCH 230ACFU 64W 323Q	PZ	1	RITTAL	RITSK3326107
+MCB1-116E	=FEED+MCB1/116.1	SK3326.207	FILTRO 323Q IP43 FORO 292Q	PZ	1	RITTAL	RITSK3326207
+MCB1-116E	=FEED+MCB1/116.2	SK3326.107	VENTIL 500/560MCH 230ACFU 64W 323Q	PZ	1	RITTAL	RITSK3326107
+MCB1-116E	=FEED+MCB1/116.2	SK3326.207	FILTRO 323Q IP43 FORO 292Q	PZ	1	RITTAL	RITSK3326207
+MCB1-116E	=FEED+MCB1/116.2	SK3326.107	VENTIL 500/560MCH 230ACFU 64W 323Q	PZ	1	RITTAL	RITSK3326107
+MCB1-116E	=FEED+MCB1/116.3	SK3326.107	FILTRO 323Q IP43 FORO 292Q	PZ	1	RITTAL	RITSK3326107
+MCB1-116E	=FEED+MCB1/116.3	SK3326.207	FILTRO 323Q IP43 FORO 292Q	PZ	1	RITTAL	RITSK3326207
+MCB1-116E	=FEED+MCB1/116.5	SK3326.107	VENTIL 500/560MCH 230ACFU 64W 323Q	PZ	1	RITTAL	RITSK3326107
+MCB1-116E	=FEED+MCB1/116.5	SK3326.207	FILTRO 323Q IP43 FORO 292Q	PZ	1	RITTAL	RITSK3326207
+MCB1-116E	=FEED+MCB1/116.6	SK3326.107	VENTIL 500/560MCH 230ACFU 64W 323Q	PZ	1	RITTAL	RITSK3326107
+MCB1-116E	=FEED+MCB1/116.6	SK3326.207	FILTRO 323Q IP43 FORO 292Q	PZ	1	RITTAL	RITSK3326207
+MCB1-116Q1	=FEED+MCB1/116.1	5SY6204-7	AUTO MOD 2P 4A-C 400VAC 30KAICU	PZ	1	SIEMENS	SMS5SY62047BB
+MCB1-116Q1	=FEED+MCB1/116.1	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-119F1	=FEED+MCB1/119.1	3NW6010-1	FUSE 10X38 25AGG AC500V 100KAIEC269	PZ	3	SIEMENS	SMS3NW60101
+MCB1-119F1	=FEED+MCB1/119.1	3NW7033	PORTAFUSE SEZ10X38 3P AC20 25A AC	PZ	1	SIEMENS	SMS3NW7033
+MCB1-119F1	=FEED+MCB1/119.1	SV9340.370	PORTA APP 25A 4Q 1XD35L45 .8/1.6kA	PZ	1	RITTAL	RITSV9340370

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PART LIST	DW0057070014	= X
			Dis.to	MF					+ FOGLIO
								C.19068	1256
Revisione	Data	Nome	NORME	IEC-CEI					Seque 125

# DISTINTA MATERIALI

## Part List

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB1-119Q1	=FEED+MCB1/119.2	5SY6204-7	AUTO MOD 2P 4A-C 400VAC 30KAICU	PZ	1	SIEMENS	SMS5SY62047BB
+MCB1-119Q1	=FEED+MCB1/119.2	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-125S1	=FEED+MCB1/125.1	3SB3500-1HA20	FUNGO+BASE MET. RDROSSO D40 SB.ROT	PZ	1	SIEMENS	SMS3SB35001HA20
+MCB1-125S1	=FEED+MCB1/125.1	3SB3400-0C	CONTATTO 1X 1C -> 400V 10AAC12 3A	PZ	2	SIEMENS	SMS3SB34000C
+MCB1-125S1	=FEED+MCB1/125.1	3SB3921-0AB	TARGA ADES YE D80 " NEUTRA "	PZ	1	SIEMENS	SMS3SB39210AB
+MCB1-126H1	=FEED+MCB1/126.8	3SB3501-6AA70	GEMMA ROT CL TRASP+BASE MET	PZ	1	SIEMENS	SMS3SB35016AA70
+MCB1-126H1	=FEED+MCB1/126.8	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+MCB1-126K1	=FEED+MCB1/126.0	PNOZ XV2 774500	RELE SIC.CAT4 24VDC 2A+2R 0-30S	PZ	1	PILZ	PIZPNOZXV2
+MCB1-126K4	=FEED+MCB1/126.3	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB1-126K4	=FEED+MCB1/126.3	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-126K4	=FEED+MCB1/126.3	3RH1911-1FA40	CONTAT AUX 40 4L+0R 6A230V X3RH11	PZ	1	SIEMENS	SMS3RH19111FA40
+MCB1-126K5	=FEED+MCB1/126.4	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB1-126K5	=FEED+MCB1/126.4	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-126K5	=FEED+MCB1/126.4	3RH1911-1FA40	CONTAT AUX 40 4L+0R 6A230V X3RH11	PZ	1	SIEMENS	SMS3RH19111FA40
+MCB1-126K6	=FEED+MCB1/126.5	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB1-126K6	=FEED+MCB1/126.5	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-126K7	=FEED+MCB1/126.6	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB1-126K7	=FEED+MCB1/126.6	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-126S1	=FEED+MCB1/126.1	3SB3501-0AA71	PULSANTE TRASPAR. PIATTO LUM.+B.MET	PZ	1	SIEMENS	SMS3SB35010AA71
+MCB1-126S1	=FEED+MCB1/126.1	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+MCB1-126S1	=FEED+MCB1/126.1	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+MCB1-140G1	=FEED+MCB1/140.1				1		6SE7041-0EH85-0AA0
+MCB1-140K1	=FEED+MCB1/140.7	3RT1466-6AP36	CONTAT.S10 263 KW AC1 230VFU	PZ	1	SIEMENS	SMS3RT14666AP36
+MCB1-140K1	=FEED+MCB1/140.7	3RT1966-4EA1	CALOTTE COPRIMORS.BAND GR.S10.12	PZ	2	SIEMENS	SMS3RT19664EA1
+MCB1-140K2	=FEED+MCB1/140.7	3RT1466-6AP36	CONTAT.S10 263 KW AC1 230VFU	PZ	1	SIEMENS	SMS3RT14666AP36
+MCB1-140K2	=FEED+MCB1/140.7	3RT1966-4EA1	CALOTTE COPRIMORS.BAND GR.S10.12	PZ	2	SIEMENS	SMS3RT19664EA1
+MCB1-140K3	=FEED+MCB1/140.8	3RT1466-6AP36	CONTAT.S10 263 KW AC1 230VFU	PZ	1	SIEMENS	SMS3RT14666AP36
+MCB1-140K3	=FEED+MCB1/140.8	3RT1966-4EA1	CALOTTE COPRIMORS.BAND GR.S10.12	PZ	2	SIEMENS	SMS3RT19664EA1
+MCB1-140L1	=FEED+MCB1/140.1				1		4EU3652-50UB00-1BA0
+MCB1-140Q1	=FEED+MCB1/140.7	5SY6204-7	AUTO MOD 2P 4A-C 400VAC 30KAICU	PZ	1	SIEMENS	SMS5SY62047BB
+MCB1-140Q1	=FEED+MCB1/140.7	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-140V1	=FEED+MCB1/140.0				1		SEKSKR130/16
+MCB1-140V1	=FEED+MCB1/140.0	SV3090.000	PROTEZ.NE SB 3P L100 P110 (4	PZ	1	RITTAL	RITSV3090
+MCB1-140V2	=FEED+MCB1/140.0				1		SEKSKR130/16
+MCB1-140V2	=FEED+MCB1/140.0	SV3090.000	PROTEZ.NE SB 3P L100 P110 (4	PZ	1	RITTAL	RITSV3090

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			Dis.to	MF					+FOGLIO	
										1257
Revisione	Data	Nome	NORME	IEC-CEI					Segue	1257

## DISTINTA MATERIALI

## Part List

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB1-140V3	=FEED+MCB1/140.1				1		SEKSKR130/16
+MCB1-140V3	=FEED+MCB1/140.1	SV3090.000	PROTEZ.NE SB 3P L100 P110 (4)	PZ	1	RITTAL	RITSV3090
+MCB1-140W1	=FEED+MCB1/140.0	SV9342.130	PROTEZ.NE INFER PLS 1100X210 1600A (2)	PZ	2	RITTAL	RITSV9342130
+MCB1-140W1	=FEED+MCB1/140.0	SV9340.210	PROTEZ.NE SUPER 1100X210 .8/1,6KA	PZ	1	RITTAL	RITSV9340210
+MCB1-140W1	=FEED+MCB1/140.0	SV9340.220	SUPPORTO X PROTEZ.NE SUP. .8/1,6KA	PZ	2	RITTAL	RITSV9340220
+MCB1-140W1	=FEED+MCB1/140.0	SV9342.000	PORTASB X PLS 3X1600A P60 (4)	PZ	3	RITTAL	RITSV9342000
+MCB1-140W1	=FEED+MCB1/140.0	SV3516.000	SBARRA 1XCU10X2400 1368A35/65€C900Q	PZ	3	RITTAL	RITSV3516
+MCB1-140W1	=FEED+MCB1/140.0	SV9342.070	PROTEZ.NE LATER SV9342 1600A (2)	PZ	2	RITTAL	RITSV9342070
+MCB1-140W2	=FEED+MCB1/140.0	SV3517.000	CONNES 1X1600A LU65X19 L85 (3)	CF	1	RITTAL	RITSV3517
+MCB1-140W2	=FEED+MCB1/140.0				3		ERI552750
+MCB1-140X1	=FEED+MCB1/140.1	SV3517.000	CONNES 1X1600A LU65X19 L85 (3)	CF	1	RITTAL	RITSV3517
+MCB1-140X1	=FEED+MCB1/140.1	552640	FLEXIBAR 4X32X1 2MT 490A	PZ	1	ERICO	ERI552640
+MCB1-141A1	=FEED+MCB1/141.1				1		6SE70327EB872DA0
+MCB1-141F1	=FEED+MCB1/141.1	3NE32300B	FUSE NH1 BULL 315AAR 1KV EXRAPSLITOR	PZ	2	SIEMENS	SMS3NE32300B
+MCB1-141F1	=FEED+MCB1/141.1	3NH3230+ACC	PORTAFUSE NH1 1P 250A+PAR+PROT	PZ	2	SIEMENS	SMS3NH3230\$A
+MCB1-141F1	=FEED+MCB1/141.1	2690304-NHP004	MANIGLIA ESTRAZIONE FUSE NH00/4	PZ	1	ITALWEBER	WEB2690304
+MCB1-141R1	=FEED+MCB1/141.1				1		6SE70327ES872DC0
+MCB1-150A2	=FEED+MCB1/150.1	6ES7972-0CB350XA0	TS2 ADAPTER + MODEM AN. MPI/DP	PZ	1	SIEMENS	SMS6ES79720CB35
+MCB1-150A8	=FEED+MCB1/150.7	6ES7972-0AA010XA0	REPEATER RS485 X PROFIBUS/MPI	PZ	1	SIEMENS	SMS6ES79720AA01
+MCB1-150X1	=FEED+MCB1/150.3	6ES7972-0BA500XA0	CONNEN SD9PM 12MB NOPG L2DP NO SP.	PZ	1	SIEMENS	SMS6ES79720BA50
+MCB1-151A1	=FEED+MCB1/151.1	6ES7390-1AE800AA0	GUIDA PROFILATA XS7300 L482 (19")	PZ	1	SIEMENS	SMS6ES73901AE80
+MCB1-151A1	=FEED+MCB1/151.1	6ES7315-2AG100AB0	CPU 315-2DP 24DC 128KB/42K ISTR	PZ	1	SIEMENS	SMS6ES73152AG10
+MCB1-151A1	=FEED+MCB1/151.1	6ES7953-8LG110AA0	M.MEMORY CARD MMC XS7 CPU 31. 128KB	PZ	1	SIEMENS	SMS6ES79538LG11
+MCB1-151A2	=FEED+MCB1/151.2	6ES7350-1AH030AE0	CONTAT.FM350-1 1CAN.MAX500KHZ TRAS.	PZ	1	SIEMENS	SMS6ES73500AE0
+MCB1-151A2	=FEED+MCB1/151.2	6ES7392-1AJ000AA0	CONNEN FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+MCB1-151A4	=FEED+MCB1/151.4	6ES7321-1BL000AA0	INP 32DI 24DC SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BL00
+MCB1-151A4	=FEED+MCB1/151.4	6ES7392-1AM000AA0	CONNEN FRONT VITE 40POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AM00
+MCB1-151A5	=FEED+MCB1/151.5	6ES7321-1BL000AA0	INP 32DI 24DC SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BL00
+MCB1-151A5	=FEED+MCB1/151.5	6ES7392-1AM000AA0	CONNEN FRONT VITE 40POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AM00
+MCB1-151A6	=FEED+MCB1/151.6	6ES7322-1BL000AA0	OUT 32DO 24DC0,5A MAX8A SEP SM322	PZ	1	SIEMENS	SMS6ES73221BL00
+MCB1-151A6	=FEED+MCB1/151.6	6ES7392-1AM000AA0	CONNEN FRONT VITE 40POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AM00
+MCB1-151A7	=FEED+MCB1/151.7	6ES7322-1BL000AA0	OUT 32DO 24DC0,5A MAX8A SEP SM322	PZ	1	SIEMENS	SMS6ES73221BL00
+MCB1-151A7	=FEED+MCB1/151.7	6ES7392-1AM000AA0	CONNEN FRONT VITE 40POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AM00
+MCB1-151A8	=FEED+MCB1/151.1.1	6ES7321-1BL000AA0	INP 32DI 24DC SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BL00
+MCB1-151A8	=FEED+MCB1/151.1.1	6ES7392-1AM000AA0	CONNEN FRONT VITE 40POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AM00

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			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					1258 Segue

**DISTINTA MATERIALI**  
**Part List**

IDENTIFIC. MATERIALE Item Designation =Plant+Location+IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB1-151X1 +MCB1-151X2 +MCB1-175S3 +MCB1-183K2 +MCB1-183K4	=FEED+MCB1/151.5 =FEED+MCB1/151.1 =FEED+MCB1/175.2 =FEED+MCB1/183.3 =FEED+MCB1/183.4	6ES7972-0BB500XA0 6ES7972-0BB500XA0 SK3110.000 2966171-PLC-RSC MY4IN1-D2-24VDC	CONNET SD9PM 12MB +PG L2DP NO SP. CONNET SD9PM 12MB +PG L2DP NO SP. TERMOST CA/FRED5/+55€24-230AC/24-60 RELE 24VDC 1S ITH6A250VCA DIN S6,2 RELE' 4S 5A/250VAC LED+P.PROVA+DIOD	PZ PZ PZ PZ PZ	1 1 1 1 1	SIEMENS SIEMENS RITTAL PHOENIX OMRON	SMS6ES79720BB50 SMS6ES79720BB50 RITSK3110000 PHOPLCRS2966171 OMRMY4IN1D224VD
+MCB1-183K4 +MCB1-193K1 +MCB1-213G1 +MCB1-213X1 +MCB1-213X1	=FEED+MCB1/183.4 =FEED+MCB1/193.1 =PAYOFF+MCB1/213.0 =PAYOFF+MCB1/213.1 =PAYOFF+MCB1/213.8	PYF14A-N 2966171-PLC-RSC SV9342.240 6ES7972-0BA500XA0	ZOCOCO TERMINALE A VITE RELE 24VDC 1S ITH6A250VCA DIN S6,2 CONNES 3X125A 10-25Q CU5-10 L55 INF. CONNET SD9PM 12MB NOPG L2DP NO SP.	PZ PZ PZ PZ	1 1 1 1	OMRON PHOENIX RITTAL SIEMENS	OMRPYF14AE PHOPLCRS2966171 6SE70161TA91 RITSV9342240 SMS6ES79720BA50
+MCB1-305Q1 +MCB1-305Q1 +MCB1-305Q2 +MCB1-305Q2 +MCB1-306Q1	=CAGE06+MCB1/305.1 =CAGE06+MCB1/305.1 =CAGE06+MCB1/305.3 =CAGE06+MCB1/305.3 =CAGE06+MCB1/306.1	3RV1011-1AA10 3RV1901-1E 3RV1011-1DA10 3RV1901-1E 3RV1011-1AA10	PROTET 1,1-1,6 A ICU100KA400V S00 CONTAT AUX FRONT 1+1 3A230V XS00-S3 PROTET 2,2-3,2 A ICU100KA400V S00 CONTAT AUX FRONT 1+1 3A230V XS00-S3 PROTET 1,1-1,6 A ICU100KA400V S00	PZ PZ PZ PZ PZ	1 1 1 1 1	SIEMENS SIEMENS SIEMENS SIEMENS SIEMENS	SMS3RV10111AA10 SMS3RV19011E SMS3RV10111DA10 SMS3RV19011E SMS3RV10111AA10
+MCB1-306Q1 +MCB1-311G1 +MCB1-311X1 +MCB1-311X1 +MCB1-330K1	=CAGE06+MCB1/306.1 =CAGE06+MCB1/311.0 =CAGE06+MCB1/311.1 =CAGE06+MCB1/311.8 =CAGE06+MCB1/330.1	3RV1901-1E SV9342.270 6ES7972-0BA500XA0 3RT1016-1AP01	CONTAT AUX FRONT 1+1 3A230V XS00-S3 CONNES 3X250A 35-120Q CU5-10 L90 INF. CONNET SD9PM 12MB NOPG L2DP NO SP. CONTAT.S00 4 KW3X400VAC3 1L+0R 230	PZ PZ PZ PZ	1 1 1 1	SIEMENS RITTAL SIEMENS SIEMENS	SMS3RV19011E 6SE70312TF60 RITSV9342270 SMS6ES79720BA50 SMS3RT10161AP01
+MCB1-330K1 +MCB1-330K2 +MCB1-330K2 +MCB1-330K4 +MCB1-330K4	=CAGE06+MCB1/330.1 =CAGE06+MCB1/330.2 =CAGE06+MCB1/330.2 =CAGE06+MCB1/330.5 =CAGE06+MCB1/330.5	3RT1916-1CD00 3RT1016-1AP01 3RT1916-1CD00 3RT1016-1AP02 3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11 CONTAT.S00 4 KW3X400VAC3 1L+0R 230 RC 127-240VAC 150-250VDC -S00/RH11 CONTAT.S00 4 KW3X400VAC3 0L+1R 230 RC 127-240VAC 150-250VDC -S00/RH11	PZ PZ PZ PZ PZ	1 1 1 1 1	SIEMENS SIEMENS SIEMENS SIEMENS SIEMENS	SMS3RT19161CD00 SMS3RT10161AP01 SMS3RT19161CD00 SMS3RT10161AP02 SMS3RT19161CD00
+MCB1-330K4 +MCB1-330K5 +MCB1-330K5 +MCB1-332K1 +MCB1-332K2	=CAGE06+MCB1/330.5 =CAGE06+MCB1/330.6 =CAGE06+MCB1/330.6 =CAGE06+MCB1/332.0 =CAGE06+MCB1/332.1	3RA1913-2A 3RT1016-1AP02 3RT1916-1CD00 2966171-PLC-RSC 2966171-PLC-RSC	KIT TELEINVERT 2X3RT..1 S00 CONTAT.S00 4 KW3X400VAC3 0L+1R 230 RC 127-240VAC 150-250VDC -S00/RH11 RELE 24VDC 1S ITH6A250VCA DIN S6,2 RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ PZ PZ PZ PZ	1 1 1 1 1	SIEMENS SIEMENS SIEMENS PHOENIX PHOENIX	SMS3RA19132A SMS3RT10161AP02 SMS3RT19161CD00 PHOPLCRS2966171 PHOPLCRS2966171
+MCB1-332K3 +MCB1-332K5 +MCB1-340Q1 +MCB1-340Q1 +MCB1-405Q1	=CAGE06+MCB1/332.2 =CAGE06+MCB1/332.4 =CAGE06+MCB1/340.1 =CAGE06+MCB1/340.1 =CAGE12+MCB1/405.1	2966171-PLC-RSC 2966171-PLC-RSC 5SY6104-7 5ST3010 3RV1011-1AA10	RELE 24VDC 1S ITH6A250VCA DIN S6,2 RELE 24VDC 1S ITH6A250VCA DIN S6,2 AUTO MOD 1P 4A-C 400VAC 6KAICN L18 CONTATTO AUS 1A+1C X5SY PROTET 1,1-1,6 A ICU100KA400V S00	PZ PZ PZ PZ PZ	1 1 1 1 1	PHOENIX PHOENIX SIEMENS SIEMENS SIEMENS	PHOPLCRS2966171 PHOPLCRS2966171 SMS5SY61047BB SMS5ST3010 SMS3RV10111AA10

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		Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI				1259 Segue

## DISTINTA MATERIALI

## Part List

IDENTIFIC. MATERIALE Item Designation =Plant+Location+IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB1-405Q1	=CAGE12+MCB1/405.1	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E
+MCB1-405Q2	=CAGE12+MCB1/405.3	3RV1011-1EA10	PROTET 2,8-4,0 A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10111EA10
+MCB1-405Q2	=CAGE12+MCB1/405.3	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E
+MCB1-406Q1	=CAGE12+MCB1/406.1	3RV1011-1AA10	PROTET 1,1-1,6 A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10111AA10
+MCB1-406Q1	=CAGE12+MCB1/406.1	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E
+MCB1-406Q1	=CAGE12+MCB1/406.1	3RA1911-1A	PONTE COLL CONT S00/INTER S00 ACDC	PZ	1	SIEMENS	SMS3RA19111A
+MCB1-407Q1	=CAGE12+MCB1/407.1	5SY6202-7	AUTO MOD 2P 2A-C 400VAC 30KAICU	PZ	1	SIEMENS	SMS5SY62027BB
+MCB1-407Q1	=CAGE12+MCB1/407.1	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-407Q2	=CAGE12+MCB1/407.3	5SY6102-7	AUTO MOD 1P 2A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61027BB
+MCB1-407Q2	=CAGE12+MCB1/407.3	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-411G1	=CAGE12+MCB1/411.0				1		6SE70315TF60
+MCB1-411X1	=CAGE12+MCB1/411.1	SV9342.270	CONNES 3X250A 35-120Q CU5-10 L90 INF.	PZ	1	RITTAL	RITSV9342270
+MCB1-411X1	=CAGE12+MCB1/411.8	6ES7972-0BA500XA0	CONNED SD9PM 12MB NOPG L2DP NO SP.	PZ	1	SIEMENS	SMS6ES79720BA50
+MCB1-412G1	=CAGE12+MCB1/412.0				1		6SE70161TA91
+MCB1-412X1	=CAGE12+MCB1/412.8	6ES7972-0BA500XA0	CONNED SD9PM 12MB NOPG L2DP NO SP.	PZ	1	SIEMENS	SMS6ES79720BA50
+MCB1-430K1	=CAGE12+MCB1/430.1	3RT1016-1AP01	CONTAT.S00 4 KW3X400VAC3 1L+0R 230	PZ	1	SIEMENS	SMS3RT10161AP01
+MCB1-430K1	=CAGE12+MCB1/430.1	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-430K2	=CAGE12+MCB1/430.2	3RT1016-1AP01	CONTAT.S00 4 KW3X400VAC3 1L+0R 230	PZ	1	SIEMENS	SMS3RT10161AP01
+MCB1-430K2	=CAGE12+MCB1/430.2	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-430K4	=CAGE12+MCB1/430.5	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB1-430K4	=CAGE12+MCB1/430.5	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-430K4	=CAGE12+MCB1/430.5	3RA1913-2A	KIT TELEINVERT 2X3RT..1 S00	PZ	1	SIEMENS	SMS3RA19132A
+MCB1-430K5	=CAGE12+MCB1/430.6	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB1-430K5	=CAGE12+MCB1/430.6	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-432K1	=CAGE12+MCB1/432.0	MY4IN1-D2-24VDC	RELE' 4S 5A/250VAC LED+P.PROVA+DIOD	PZ	1	OMRON	OMRMY4IN1D224VD
+MCB1-432K1	=CAGE12+MCB1/432.0	PYF14A-N	ZOCCHIO TERMINALE A VITE	PZ	1	OMRON	OMRPYF14AE
+MCB1-432K2	=CAGE12+MCB1/432.1	MY4IN1-D2-24VDC	RELE' 4S 5A/250VAC LED+P.PROVA+DIOD	PZ	1	OMRON	OMRMY4IN1D224VD
+MCB1-432K2	=CAGE12+MCB1/432.1	PYF14A-N	ZOCCHIO TERMINALE A VITE	PZ	1	OMRON	OMRPYF14AE
+MCB1-432K3	=CAGE12+MCB1/432.2	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB1-432K4	=CAGE12+MCB1/432.3	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB1-432K5	=CAGE12+MCB1/432.4	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB1-432K7	=CAGE12+MCB1/432.6	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB1-440Q1	=CAGE12+MCB1/440.1	5SY6104-7	AUTO MOD 1P 4A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61047BB
+MCB1-440Q1	=CAGE12+MCB1/440.1	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-505Q1	=CAGE18+MCB1/505.1	3RV1011-1AA10	PROTET 1,1-1,6 A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10111AA10

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PART LIST	DW0057070014 C.19068	= X
			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					1260 Segue

# DISTINTA MATERIALI

## Part List

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB1-505Q1	=CAGE18+MCB1/505.1	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E
+MCB1-505Q2	=CAGE18+MCB1/505.3	3RV1011-1GA10	PROTET 4,5-6,3 A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10111GA10
+MCB1-505Q2	=CAGE18+MCB1/505.3	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E
+MCB1-506Q1	=CAGE18+MCB1/506.1	3RV1011-1AA10	PROTET 1,1-1,6 A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10111AA10
+MCB1-506Q1	=CAGE18+MCB1/506.1	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E
+MCB1-507Q1	=CAGE18+MCB1/507.1	5SY6202-7	AUTO MOD 2P 2A-C 400VAC 30KAICU	PZ	1	SIEMENS	SMS5SY62027BB
+MCB1-507Q1	=CAGE18+MCB1/507.1	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-507Q2	=CAGE18+MCB1/507.3	5SY6102-7	AUTO MOD 1P 2A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61027BB
+MCB1-507Q2	=CAGE18+MCB1/507.3	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-511G1	=CAGE18+MCB1/511.0				1		6SE70318TF60
+MCB1-511X1	=CAGE18+MCB1/511.1	SV9342.270	CONNES 3X250A 35-120Q CU5-10 L90 INF.	PZ	1	RITTAL	RITSV9342270
+MCB1-511X1	=CAGE18+MCB1/511.8	6ES7972-0BA500XA0	CONNNET SD9PM 12MB NOPG L2DP NO SP.	PZ	1	SIEMENS	SMS6ES79720BA50
+MCB1-512G1	=CAGE18+MCB1/512.0				1		6SE70161TA91
+MCB1-512X1	=CAGE18+MCB1/512.1	SV9342.210	CONNES 3X 63A 2.5-10Q CU5-10 L20 INF	PZ	1	RITTAL	RITSV9342210
+MCB1-512X1	=CAGE18+MCB1/512.8	6ES7972-0BA500XA0	CONNNET SD9PM 12MB NOPG L2DP NO SP.	PZ	1	SIEMENS	SMS6ES79720BA50
+MCB1-530K1	=CAGE18+MCB1/530.1	3RT1016-1AP01	CONTAT.S00 4 KW3X400VAC3 1L+0R 230	PZ	1	SIEMENS	SMS3RT10161AP01
+MCB1-530K1	=CAGE18+MCB1/530.1	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-530K2	=CAGE18+MCB1/530.2	3RT1016-1AP01	CONTAT.S00 4 KW3X400VAC3 1L+0R 230	PZ	1	SIEMENS	SMS3RT10161AP01
+MCB1-530K2	=CAGE18+MCB1/530.2	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-530K4	=CAGE18+MCB1/530.5	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB1-530K4	=CAGE18+MCB1/530.5	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-530K4	=CAGE18+MCB1/530.5	3RA1913-2A	KIT TELEINVERT 2X3RT..1 S00	PZ	1	SIEMENS	SMS3RA19132A
+MCB1-530K5	=CAGE18+MCB1/530.6	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB1-530K5	=CAGE18+MCB1/530.6	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-532K1	=CAGE18+MCB1/532.0	MY4IN1-D2-24VDC	RELE' 4S 5A/250VAC LED+P.PROVA+DIOD	PZ	1	OMRON	OMRMY4IN1D224VD
+MCB1-532K1	=CAGE18+MCB1/532.0	PYF14A-N	ZOCCHIO TERMINALE A VITE	PZ	1	OMRON	OMRPYF14AE
+MCB1-532K2	=CAGE18+MCB1/532.1	MY4IN1-D2-24VDC	RELE' 4S 5A/250VAC LED+P.PROVA+DIOD	PZ	1	OMRON	OMRMY4IN1D224VD
+MCB1-532K2	=CAGE18+MCB1/532.1	PYF14A-N	ZOCCHIO TERMINALE A VITE	PZ	1	OMRON	OMRPYF14AE
+MCB1-532K3	=CAGE18+MCB1/532.2	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB1-532K4	=CAGE18+MCB1/532.3	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB1-532K5	=CAGE18+MCB1/532.4	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB1-532K7	=CAGE18+MCB1/532.6	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB1-540Q1	=CAGE18+MCB1/540.1	5SY6104-7	AUTO MOD 1P 4A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61047BB
+MCB1-540Q1	=CAGE18+MCB1/540.1	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-605Q1	=CAGE24+MCB1/605.1	3RV1011-1AA10	PROTET 1,1-1,6 A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10111AA10

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PART LIST	DW0057070014	= X
			Dis.to	MF					+
								C.19068	FOGLIO 1261
Revisione	Data	Nome	NORME	IEC-CEI					Segue 1262

**DISTINTA MATERIALI**  
**Part List**

IDENTIFIC. MATERIALE Item Designation =Plant+Location+IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB1-605Q1	=CAGE24+MCB1/605.1	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E
+MCB1-605Q2	=CAGE24+MCB1/605.3	3RV1011-1HA10	PROTET 5,5-8,0 A ICU50KA 400V S00	PZ	1	SIEMENS	SMS3RV10111HA10
+MCB1-605Q2	=CAGE24+MCB1/605.3	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E
+MCB1-606Q1	=CAGE24+MCB1/606.1	3RV1011-1AA10	PROTET 1,1-1,6 A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10111AA10
+MCB1-606Q1	=CAGE24+MCB1/606.1	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E
+MCB1-607Q1	=CAGE24+MCB1/607.1	5SY6202-7	AUTO MOD 2P 2A-C 400VAC 30KAICU	PZ	1	SIEMENS	SMS5SY62027BB
+MCB1-607Q1	=CAGE24+MCB1/607.1	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-607Q2	=CAGE24+MCB1/607.3	5SY6102-7	AUTO MOD 1P 2A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61027BB
+MCB1-607Q2	=CAGE24+MCB1/607.3	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-611G1	=CAGE24+MCB1/611.0				1		6SE7032-1TG60
+MCB1-611X1	=CAGE24+MCB1/611.1	SV9342.300	CONNES 3X800A 35-185Q CU5-10 L129 INF.	PZ	1	RITTAL	RITSV9342300
+MCB1-611X1	=CAGE24+MCB1/611.8	6ES7972-0BA500XA0	CONNED SD9PM 12MB NOPG L2DP NO SP.	PZ	1	SIEMENS	SMS6ES79720BA50
+MCB1-612G1	=CAGE24+MCB1/612.0				1		6SE70161TA91
+MCB1-612X1	=CAGE24+MCB1/612.8	6ES7972-0BA500XA0	CONNED SD9PM 12MB NOPG L2DP NO SP.	PZ	1	SIEMENS	SMS6ES79720BA50
+MCB1-630K1	=CAGE24+MCB1/630.1	3RT1016-1AP01	CONTAT.S00 4 KW3X400VAC3 1L+0R 230	PZ	1	SIEMENS	SMS3RT10161AP01
+MCB1-630K1	=CAGE24+MCB1/630.1	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-630K2	=CAGE24+MCB1/630.2	3RT1016-1AP01	CONTAT.S00 4 KW3X400VAC3 1L+0R 230	PZ	1	SIEMENS	SMS3RT10161AP01
+MCB1-630K2	=CAGE24+MCB1/630.2	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-630K4	=CAGE24+MCB1/630.5	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB1-630K4	=CAGE24+MCB1/630.5	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-630K4	=CAGE24+MCB1/630.5	3RA1913-2A	KIT TELEINVERT 2X3RT..1 S00	PZ	1	SIEMENS	SMS3RA19132A
+MCB1-630K5	=CAGE24+MCB1/630.6	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB1-630K5	=CAGE24+MCB1/630.6	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-632K1	=CAGE24+MCB1/632.0	MY4IN1-D2-24VDC	RELE' 4S 5A/250VAC LED+P.PROVA+DIOD	PZ	1	OMRON	OMRMY4IN1D224VD
+MCB1-632K1	=CAGE24+MCB1/632.0	PYF14A-N	ZOCCHIO TERMINALE A VITE	PZ	1	OMRON	OMRPYF14AE
+MCB1-632K2	=CAGE24+MCB1/632.1	MY4IN1-D2-24VDC	RELE' 4S 5A/250VAC LED+P.PROVA+DIOD	PZ	1	OMRON	OMRMY4IN1D224VD
+MCB1-632K2	=CAGE24+MCB1/632.1	PYF14A-N	ZOCCHIO TERMINALE A VITE	PZ	1	OMRON	OMRPYF14AE
+MCB1-632K3	=CAGE24+MCB1/632.2	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB1-632K4	=CAGE24+MCB1/632.3	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB1-632K5	=CAGE24+MCB1/632.4	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB1-632K7	=CAGE24+MCB1/632.6	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB1-640Q1	=CAGE24+MCB1/640.1	5SY6104-7	AUTO MOD 1P 4A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61047BB
+MCB1-640Q1	=CAGE24+MCB1/640.1	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB1-705Q1	=CAPSTAN+MCB1/705.1	3RV1011-1AA10	PROTET 1,1-1,6 A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10111AA10
+MCB1-705Q1	=CAPSTAN+MCB1/705.1	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PART LIST	DW0057070014 C.19068	= X
			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					1262 Segue

## DISTINTA MATERIALI

## Part List

IDENTIFIC. MATERIALE Item Designation =Plant+Location+IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB1-705Q1	=CAPSTAN+MCB1/705.1	3RA1911-1A	PONTE COLL CONT S00/INTER S00 ACDC	PZ	1	SIEMENS	SMS3RA1911A
+MCB1-711G1	=CAPSTAN+MCB1/711.0				1		6SE7032-6TG60
+MCB1-711X1	=CAPSTAN+MCB1/711.1	SV9342.300	CONNES 3X800A 35-185Q CU5-10 L129 INF.	PZ	1	RITTAL	RITSV9342300
+MCB1-711X1	=CAPSTAN+MCB1/711.8	6ES7972-0BA500XA0	CONNEN SD9PM 12MB NOPG L2DP NO SP.	PZ	1	SIEMENS	SMS6ES79720BA50
+MCB1-730K1	=CAPSTAN+MCB1/730.1	3RT1016-1AP01	CONTAT.S00 4 KW3X400VAC3 1L+0R 230	PZ	1	SIEMENS	SMS3RT10161AP01
+MCB1-730K1	=CAPSTAN+MCB1/730.1	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB1-732K1	=CAPSTAN+MCB1/732.0	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB1-911G1	=TAKEUP+MCB1/911.0				1		6SE70234TC61
+MCB1-911X1	=TAKEUP+MCB1/911.1	SV9342.210	CONNES 3X 63A 2.5-10Q CU5-10 L20 INF	PZ	1	RITTAL	RITSV9342210
+MCB1-911X1	=TAKEUP+MCB1/911.8	6ES7972-0BA500XA0	CONNEN SD9PM 12MB NOPG L2DP NO SP.	PZ	1	SIEMENS	SMS6ES79720BA50
+MCB1-913G1	=TAKEUP+MCB1/913.0				1		6SE70161TA91
+MCB1-913X1	=TAKEUP+MCB1/913.8	6ES7972-0BA500XA0	CONNEN SD9PM 12MB NOPG L2DP NO SP.	PZ	1	SIEMENS	SMS6ES79720BA50
+MCB1-925K3	=TAKEUP+MCB1/925.3	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB1-935F1	=TAKEUP+MCB1/935.1	3NW6010-1	FUSE 10X38 25AGG AC500V 100KAIEC269	PZ	3	SIEMENS	SMS3NW60101
+MCB1-935F1	=TAKEUP+MCB1/935.1	3NW7033	PORTAFUSE SEZ10X38 3P AC20 25A AC	PZ	1	SIEMENS	SMS3NW7033
+MCB1-935F1	=TAKEUP+MCB1/935.1	SV9340.370	PORTA APP 25A 4Q 1XD35L45 .8/1.6kA	PZ	1	RITTAL	RITSV9340370
+MCB3-CARP	=TAKEUP+MCB3/941.0	AE1076.500	CASSA 600X760X210 R7035 IP56/N4	PZ	1	RITTAL	RITAE1076500
+MCB3-941H1	=TAKEUP+MCB3/941.4	3SB3501-6AA70	GEMMA ROT CL TRASP+BASE MET	PZ	1	SIEMENS	SMS3SB35016AA70
+MCB3-941H1	=TAKEUP+MCB3/941.4	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+MCB3-941Q1	=TAKEUP+MCB3/941.0	3LD2144-0TK51	SEZIONAT.PRINC- BK 3P 25A 690V	PZ	1	SIEMENS	SMS3LD21440TK51
+MCB3-941Q1	=TAKEUP+MCB3/941.0	3LD9221-0A	CALOTTE COPRIMORS. 3P X 3LD2 25-32A	PZ	2	SIEMENS	SMS3LD92210A
+MCB3-941Q2	=TAKEUP+MCB3/941.5	5SY6102-7	AUTO MOD 1P 2A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61027BB
+MCB3-941Q2	=TAKEUP+MCB3/941.5	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB3-941S1	=TAKEUP+MCB3/941.6	3SB3500-1HA20	FUNGO+BASE MET. RDROSSO D40 SB.ROT	PZ	1	SIEMENS	SMS3SB35001HA20
+MCB3-941S1	=TAKEUP+MCB3/941.6	3SB3400-0C	CONTATTO 1X 1C -> 400V 10AAC12 3A	PZ	2	SIEMENS	SMS3SB34000C
+MCB3-941S1	=TAKEUP+MCB3/941.6	3SB3921-0AB	TARGA ADES YE D80 " NEUTRA "	PZ	1	SIEMENS	SMS3SB39210AB
+MCB3-944Q1	=TAKEUP+MCB3/944.1	3RV1011-1GA10	PROTET 4,5-6,3 A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10111GA10
+MCB3-944Q1	=TAKEUP+MCB3/944.1	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E
+MCB3-944Q2	=TAKEUP+MCB3/944.3	3RV1011-1GA10	PROTET 4,5-6,3 A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10111GA10
+MCB3-944Q2	=TAKEUP+MCB3/944.3	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E
+MCB3-944Q3	=TAKEUP+MCB3/944.5	3RV1011-1DA10	PROTET 2,2-3,2 A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10111DA10
+MCB3-944Q3	=TAKEUP+MCB3/944.5	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E
+MCB3-945Q1	=TAKEUP+MCB3/945.1	3RV1011-0GA10	PROTET 0,45-0,63A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10110GA10
+MCB3-945Q1	=TAKEUP+MCB3/945.1	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E
+MCB3-945Q1	=TAKEUP+MCB3/945.1	3RA1911-1A	PONTE COLL CONT S00/INTER S00 ACDC	PZ	1	SIEMENS	SMS3RA1911A

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PART LIST	DW0057070014 C.19068	= X
			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					1264

# DISTINTA MATERIALI

## Part List

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB3-945Q2	=TAKEUP+MCB3/945.3	5SY6202-7	AUTO MOD 2P 2A-C 400VAC 30KAICU	PZ	1	SIEMENS	SMS5SY62027BB
+MCB3-945Q2	=TAKEUP+MCB3/945.3	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB3-947K1	=TAKEUP+MCB3/947.1	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB3-947K1	=TAKEUP+MCB3/947.1	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB3-947K1	=TAKEUP+MCB3/947.1	3RA1913-2A	KIT TELEINVERT 2X3RT..1 S00	PZ	1	SIEMENS	SMS3RA19132A
+MCB3-947K2	=TAKEUP+MCB3/947.2	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB3-947K2	=TAKEUP+MCB3/947.2	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB3-947K3	=TAKEUP+MCB3/947.3	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB3-947K3	=TAKEUP+MCB3/947.3	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB3-947K3	=TAKEUP+MCB3/947.3	3RA1913-2A	KIT TELEINVERT 2X3RT..1 S00	PZ	1	SIEMENS	SMS3RA19132A
+MCB3-947K4	=TAKEUP+MCB3/947.4	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB3-947K4	=TAKEUP+MCB3/947.4	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB3-947K5	=TAKEUP+MCB3/947.5	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB3-947K5	=TAKEUP+MCB3/947.5	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB3-947K5	=TAKEUP+MCB3/947.5	3RA1913-2A	KIT TELEINVERT 2X3RT..1 S00	PZ	1	SIEMENS	SMS3RA19132A
+MCB3-947K6	=TAKEUP+MCB3/947.6	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB3-947K6	=TAKEUP+MCB3/947.6	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB3-948K1	=TAKEUP+MCB3/948.1	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB3-948K1	=TAKEUP+MCB3/948.1	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB3-948K2	=TAKEUP+MCB3/948.2	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB3-948K2	=TAKEUP+MCB3/948.2	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB3-951A0	=TAKEUP+MCB3/951.1	6ES7151-1AA040AB0	INTERF IM151 12MB/S XET200S L2-DP	PZ	1	SIEMENS	SMS6ES71511AA02
+MCB3-951A1	=TAKEUP+MCB3/951.3	6ES7138-4CA010AA0	MODULO POWER X PM-E DC24 XET200S	PZ	1	SIEMENS	SMS6ES71384CA00
+MCB3-951A1	=TAKEUP+MCB3/951.3	6ES7193-4CD300AA0	2X3MORS+4/8AUX TM-P15S23-A0 ET200S	PZ	1	SIEMENS	SMS6ES71934CD30
+MCB3-951A2	=TAKEUP+MCB3/951.3	6ES7138-4DA040AB0	MODUL 1COUNT 24V / 100KHZ ET200S	PZ	1	SIEMENS	SMS6ES71384DA04
+MCB3-951A2	=TAKEUP+MCB3/951.3	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A4	=TAKEUP+MCB3/951.4	6ES7131-4BD010AA0	IN 4DI24DC STD 3MS XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71314BD00
+MCB3-951A4	=TAKEUP+MCB3/951.4	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A5	=TAKEUP+MCB3/951.5	6ES7131-4BD010AA0	IN 4DI24DC STD 3MS XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71314BD00
+MCB3-951A5	=TAKEUP+MCB3/951.5	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A6	=TAKEUP+MCB3/951.5	6ES7131-4BD010AA0	IN 4DI24DC STD 3MS XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71314BD00
+MCB3-951A6	=TAKEUP+MCB3/951.5	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A7	=TAKEUP+MCB3/951.6	6ES7131-4BD010AA0	IN 4DI24DC STD 3MS XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71314BD00
+MCB3-951A7	=TAKEUP+MCB3/951.6	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A8	=TAKEUP+MCB3/951.7	6ES7131-4BD010AA0	IN 4DI24DC STD 3MS XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71314BD00

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PART LIST	DW0057070014 C.19068	= X	
			Dis.to	MF					+FOGLIO	
									Segue	1264
Revisione	Data	Nome	NORME	IEC-CEI						1264

**DISTINTA MATERIALI**  
**Part List**

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB3-951A8	=TAKEUP+MCB3/951.7	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A9	=TAKEUP+MCB3/951.7	6ES7131-4BD010AA0	IN 4DI24DC STD 3MS XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71314BD00
+MCB3-951A9	=TAKEUP+MCB3/951.7	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A13	=TAKEUP+MCB3/951.1.2	6ES7132-4BD010AA0	OUT 4DO STD 24DC0,5A XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71324BD00
+MCB3-951A13	=TAKEUP+MCB3/951.1.2	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A14	=TAKEUP+MCB3/951.1.3	6ES7132-4BD010AA0	OUT 4DO STD 24DC0,5A XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71324BD00
+MCB3-951A14	=TAKEUP+MCB3/951.1.3	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A15	=TAKEUP+MCB3/951.1.3	6ES7132-4BD010AA0	OUT 4DO STD 24DC0,5A XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71324BD00
+MCB3-951A15	=TAKEUP+MCB3/951.1.3	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951X1	=TAKEUP+MCB3/951.1	6ES7972-0BB41-0XA0	CONNET SD9PM 12MB +PG L2DP 35°	PZ	1	SIEMENS	SMS6ES79720BB41
+MCB3-981K1	=TAKEUP+MCB3/981.1	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-981K2	=TAKEUP+MCB3/981.2	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-981K3	=TAKEUP+MCB3/981.3	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-981K4	=TAKEUP+MCB3/981.4	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-981K5	=TAKEUP+MCB3/981.5	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-981K6	=TAKEUP+MCB3/981.6	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-981K7	=TAKEUP+MCB3/981.7	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-981K8	=TAKEUP+MCB3/981.8	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-982K1	=TAKEUP+MCB3/982.0	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-982K2	=TAKEUP+MCB3/982.1	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-982K3	=TAKEUP+MCB3/982.2	MY4IN1-D2-24VDC	RELE' 4S 5A/250VAC LED+P.PROVA+DIOD	PZ	1	OMRON	OMRMY4IN1D224VD
+MCB3-982K3	=TAKEUP+MCB3/982.2	PYF14A-N	ZOCCOLO TERMINALE A VITE	PZ	1	OMRON	OMRPYF14AE
+OPC-CARP	=FEED+MCB1/101.0	AP2600.500	BASAMEN 800X670X400 R7035 IP55	PZ	1	rittal	RITAP2600500
+OPC-CARP	=FEED+MCB1/101.0	AP2611.500	LEGGIO 800X200X850 R7035 IP55	PZ	1	rittal	RITAP2611500
+OPC-CARP	=FEED+MCB1/101.0	AP2612.500	ALZATA 800X430X370 R7035 IP55	PZ	1	rittal	RITAP2612500
+OPC-CARP	=FEED+MCB1/101.0	SO2901.200	ZOCCOLO XAE,AK,AS,AP 80X10X40 R7022	PZ	1	rittal	RITSO2901
+OPC-CARP	=FEED+MCB1/101.0	AP2678.000	PROFIL ANTISCIV XLEGGIO B800 (3	PZ	1	rittal	RITAP2678
+OPC-102X3	=FEED+MCB1/102.3	09967	PRESA DIN35 16A250V I-D-GB2P-USA2P	PZ	1	ABB VIMAR	ABV19967
+OPC-125S2	=FEED+MCB1/125.1	3SB3500-1HA20	FUNGO+BASE MET. RDROSSO D40 SB.ROT	PZ	1	SIEMENS	SMS3SB35001HA20
+OPC-125S2	=FEED+MCB1/125.1	3SB3400-0C	CONTATTO 1X 1C -> 400V 10AAC12 3A	PZ	2	SIEMENS	SMS3SB34000C
+OPC-125S2	=FEED+MCB1/125.1	3SB3921-0AB	TARGA ADES YE D80 " NEUTRA "	PZ	1	SIEMENS	SMS3SB39210AB
+OPC-173A1	=FEED+MCB1/173.2	6AV6545-0CC100AX0	TERMIN TP270-10LCD STNCOL. T.SCREEN	PZ	1	SIEMENS	SMS6AV65450CC10
+OPC-173X2	=FEED+MCB1/173.4	6GK1500-0FC00	CONNET BUS RS485 90'NOPG XMM4XX-OP	PZ	1	SIEMENS	SMS6GK15000FC00
+OPC-177S1	=FEED+MCB1/177.1	3SB3500-0AA11	PULSANTE BK NERO PIATTO+BASE MET.	PZ	1	SIEMENS	SMS3SB35000AA11
+OPC-177S1	=FEED+MCB1/177.1	3SB3400-0C	CONTATTO 1X 1C -> 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000C

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PART LIST	DW0057070014 C.19068	= X
			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					1265 Segue

# DISTINTA MATERIALI

## Part List

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
							Part List
+OPC-177S2	=FEED+MCB1/177.1	3SB3501-0AA71	PULSANTE TRASPAR. PIATTO LUM.+B.MET	PZ	1	SIEMENS	SMS3SB35010AA71
+OPC-177S2	=FEED+MCB1/177.1	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+OPC-177S2	=FEED+MCB1/177.1	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+OPC-177S3	=FEED+MCB1/177.2	3SB3500-0AA61	PULSANTE WH BIANCO PIATTO+BASE MET.	PZ	1	SIEMENS	SMS3SB35000AA61
+OPC-177S3	=FEED+MCB1/177.2	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+OPC-177S4	=FEED+MCB1/177.3	3SB3501-0AA51	PULSANTE BU BLU PIATTO LUM+BASE MET	PZ	1	SIEMENS	SMS3SB35010AA51
+OPC-177S4	=FEED+MCB1/177.3	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+OPC-177S4	=FEED+MCB1/177.3	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+OPC-177S5	=FEED+MCB1/177.4	3SB3501-0AA61	PULSANTE WHBIANCO PIATTO LUM.+B.MET	PZ	1	SIEMENS	SMS3SB35010AA61
+OPC-177S5	=FEED+MCB1/177.4	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+OPC-177S5	=FEED+MCB1/177.4	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+OPC-177S6	=FEED+MCB1/177.5	3SB3500-2KA11	SELETTORE BNERO 2P 0-1 50°+B.MET.	PZ	1	SIEMENS	SMS3SB35002KA11
+OPC-177S6	=FEED+MCB1/177.5	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+OPC-177S6	=FEED+MCB1/177.5	SITHF01W+P.TARGH	TARGH 27X15 BKWH + PORT.T.22,5+VET	PZ	1	GRAFOPLAST	GRPSITHF01W\$A
+OPC-177S7	=FEED+MCB1/177.6	3SB3500-2EA11	SELETTORE BNERO 3P 1>0<2 +BASE MET	PZ	1	SIEMENS	SMS3SB35002EA11
+OPC-177S7	=FEED+MCB1/177.6	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	2	SIEMENS	SMS3SB34000B
+OPC-177S7	=FEED+MCB1/177.6	SITHF01W+P.TARGH	TARGH 27X15 BKWH + PORT.T.22,5+VET	PZ	1	GRAFOPLAST	GRPSITHF01W\$A
+OPC-177S9	=FEED+MCB1/177.8	3SB3500-0AA11	PULSANTE BK NERO PIATTO+BASE MET.	PZ	1	SIEMENS	SMS3SB35000AA11
+OPC-177S9	=FEED+MCB1/177.8	3SB3400-0C	CONTATTO 1X 1C -> 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000C
+OPC-177S10	=FEED+MCB1/177.9	3SB3501-0AA71	PULSANTE TRASPAR. PIATTO LUM.+B.MET	PZ	1	SIEMENS	SMS3SB35010AA71
+OPC-177S10	=FEED+MCB1/177.9	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+OPC-177S10	=FEED+MCB1/177.9	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A

**DISTINTA MATERIALI**  
**Part List**

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB3-948K1	=TAKEUP+MCB3/948.1	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB3-948K1	=TAKEUP+MCB3/948.1	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB3-948K2	=TAKEUP+MCB3/948.2	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB3-948K2	=TAKEUP+MCB3/948.2	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB3-951A0	=TAKEUP+MCB3/951.1	6ES7151-1AA040AB0	INTERF IM151 12MB/S XET200S L2-DP	PZ	1	SIEMENS	SMS6ES71511AA02
+MCB3-951A1	=TAKEUP+MCB3/951.3	6ES7138-4CA010AA0	MODULO POWER X PM-E DC24 XET200S	PZ	1	SIEMENS	SMS6ES71384CA00
+MCB3-951A1	=TAKEUP+MCB3/951.3	6ES7193-4CD300AA0	2X3MORS+4/8AUX TM-P15S23-A0 ET200S	PZ	1	SIEMENS	SMS6ES71934CD30
+MCB3-951A2	=TAKEUP+MCB3/951.3	6ES7138-4DA040AB0	MODUL 1COUNT 24V / 100KHZ ET200S	PZ	1	SIEMENS	SMS6ES71384DA04
+MCB3-951A2	=TAKEUP+MCB3/951.3	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A4	=TAKEUP+MCB3/951.4	6ES7131-4BD010AA0	IN 4DI24DC STD 3MS XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71314BD00
+MCB3-951A4	=TAKEUP+MCB3/951.4	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A5	=TAKEUP+MCB3/951.5	6ES7131-4BD010AA0	IN 4DI24DC STD 3MS XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71314BD00
+MCB3-951A5	=TAKEUP+MCB3/951.5	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A6	=TAKEUP+MCB3/951.5	6ES7131-4BD010AA0	IN 4DI24DC STD 3MS XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71314BD00
+MCB3-951A6	=TAKEUP+MCB3/951.5	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A7	=TAKEUP+MCB3/951.6	6ES7131-4BD010AA0	IN 4DI24DC STD 3MS XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71314BD00
+MCB3-951A7	=TAKEUP+MCB3/951.6	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A8	=TAKEUP+MCB3/951.7	6ES7131-4BD010AA0	IN 4DI24DC STD 3MS XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71314BD00
+MCB3-951A8	=TAKEUP+MCB3/951.7	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A9	=TAKEUP+MCB3/951.7	6ES7131-4BD010AA0	IN 4DI24DC STD 3MS XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71314BD00
+MCB3-951A9	=TAKEUP+MCB3/951.7	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A13	=TAKEUP+MCB3/951.1.2	6ES7132-4BD010AA0	OUT 4DO STD 24DC0,5A XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71324BD00
+MCB3-951A13	=TAKEUP+MCB3/951.1.2	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A14	=TAKEUP+MCB3/951.1.3	6ES7132-4BD010AA0	OUT 4DO STD 24DC0,5A XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71324BD00
+MCB3-951A14	=TAKEUP+MCB3/951.1.3	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951A15	=TAKEUP+MCB3/951.1.3	6ES7132-4BD010AA0	OUT 4DO STD 24DC0,5A XET200S (5PZ	CF	0.20	SIEMENS	SMS6ES71324BD00
+MCB3-951A15	=TAKEUP+MCB3/951.1.3	6ES7193-4CA400AA0	2X6MORS VIT TM-E15S26-A1 ET200S(5PZ	CF	0.20	SIEMENS	SMS6ES71934CA40
+MCB3-951X1	=TAKEUP+MCB3/951.1	6ES7972-0BB41-0XA0	CONNEDT SD9PM 12MB +PG L2DP 35°	PZ	1	SIEMENS	SMS6ES79720BB41
+MCB3-981K1	=TAKEUP+MCB3/981.1	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-981K2	=TAKEUP+MCB3/981.2	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-981K3	=TAKEUP+MCB3/981.3	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-981K4	=TAKEUP+MCB3/981.4	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-981K5	=TAKEUP+MCB3/981.5	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-981K6	=TAKEUP+MCB3/981.6	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-981K7	=TAKEUP+MCB3/981.7	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PART LIST	DW0057070014 C.19068	= X
			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					1267 Segue

## DISTINTA MATERIALI

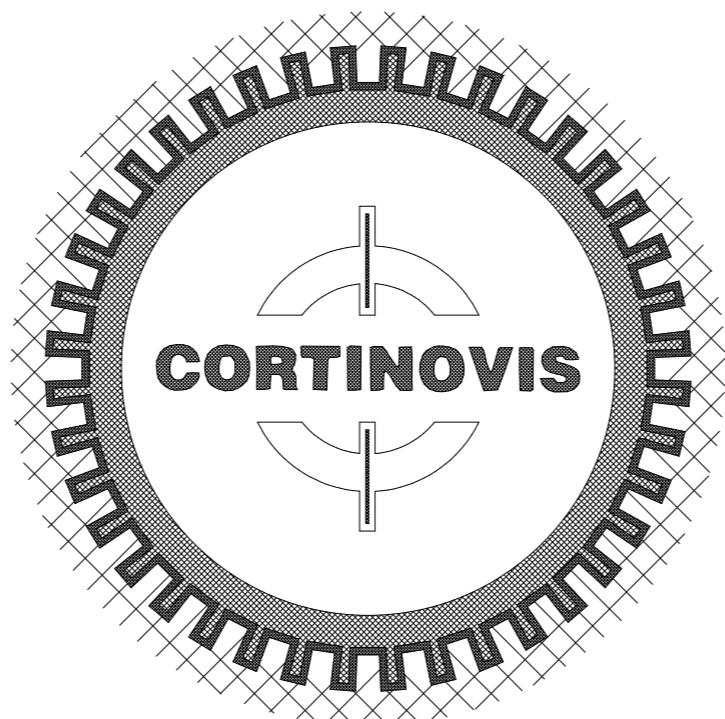
## Part List

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB3-981K8	=TAKEUP+MCB3/981.8	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-982K1	=TAKEUP+MCB3/982.0	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-982K2	=TAKEUP+MCB3/982.1	2966171-PLC-RSC	RELE 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB3-982K3	=TAKEUP+MCB3/982.2	MY4IN1-D2-24VDC	RELE' 4S 5A/250VAC LED+P.PROVA+DIOD	PZ	1	OMRON	OMRMY4IN1D224VD
+MCB3-982K3	=TAKEUP+MCB3/982.2	PYF14A-N	ZOCCOLO TERMINALE A VITE	PZ	1	OMRON	OMRPYF14AE
+OPC-CARP	=FEED+MCB1/101.0	AP2600.500	BASAMEN 800X670X400 R7035 IP55	PZ	1	RITTAL	RITAP2600500
+OPC-CARP	=FEED+MCB1/101.0	AP2611.500	LEGGIO 800X200X850 R7035 IP55	PZ	1	RITTAL	RITAP2611500
+OPC-CARP	=FEED+MCB1/101.0	AP2612.500	ALZATA 800X430X370 R7035 IP55	PZ	1	RITTAL	RITAP2612500
+OPC-CARP	=FEED+MCB1/101.0	SO2901.200	ZOCCOLO XAE,AK,AS,AP 80X10X40 R7022	PZ	1	RITTAL	RITSO2901
+OPC-CARP	=FEED+MCB1/101.0	AP2678.000	PROFIL ANTISCIV XLEGGIO B800 (3)	PZ	1	RITTAL	RITAP2678
+OPC-102X3	=FEED+MCB1/102.3	09967	PRESA DIN35 16A250V I-D-GB2P-USA2P	PZ	1	ABB VIMAR	ABV19967
+OPC-125S2	=FEED+MCB1/125.1	3SB3500-1HA20	FUNGO+BASE MET. RDROSSO D40 SB.ROT	PZ	1	SIEMENS	SMS3SB35001HA20
+OPC-125S2	=FEED+MCB1/125.1	3SB3400-0C	CONTATTO 1X 1C -> 400V 10AAC12 3A	PZ	2	SIEMENS	SMS3SB34000C
+OPC-125S2	=FEED+MCB1/125.1	3SB3921-0AB	TARGA ADES YE D80 " NEUTRA "	PZ	1	SIEMENS	SMS3SB39210AB
+OPC-173A1	=FEED+MCB1/173.2	6AV6545-0CC100AX0	TERMIN TP270-10LCD STNCOL. T.SCREEN	PZ	1	SIEMENS	SMS6AV65450CC10
+OPC-173X2	=FEED+MCB1/173.4	6GK1500-0FC00	CONNEX BUS RS485 90'NOPG XMM4XX-OP	PZ	1	SIEMENS	SMS6GK15000FC00
+OPC-177S1	=FEED+MCB1/177.1	3SB3500-0AA11	PULSANTE BK NERO PIATTO+BASE MET.	PZ	1	SIEMENS	SMS3SB35000AA11
+OPC-177S1	=FEED+MCB1/177.1	3SB3400-0C	CONTATTO 1X 1C -> 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000C
+OPC-177S2	=FEED+MCB1/177.1	3SB3501-0AA71	PULSANTE TRASPAR. PIATTO LUM.+B.MET	PZ	1	SIEMENS	SMS3SB35010AA71
+OPC-177S2	=FEED+MCB1/177.1	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+OPC-177S2	=FEED+MCB1/177.1	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+OPC-177S3	=FEED+MCB1/177.2	3SB3500-0AA61	PULSANTE WH BIANCO PIATTO+BASE MET.	PZ	1	SIEMENS	SMS3SB35000AA61
+OPC-177S3	=FEED+MCB1/177.2	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+OPC-177S4	=FEED+MCB1/177.3	3SB3501-0AA51	PULSANTE BU BLU PIATTO LUM+BASE MET	PZ	1	SIEMENS	SMS3SB35010AA51
+OPC-177S4	=FEED+MCB1/177.3	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+OPC-177S4	=FEED+MCB1/177.3	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+OPC-177S5	=FEED+MCB1/177.4	3SB3501-0AA61	PULSANTE WH BIANCO PIATTO LUM.+B.MET	PZ	1	SIEMENS	SMS3SB35010AA61
+OPC-177S5	=FEED+MCB1/177.4	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+OPC-177S5	=FEED+MCB1/177.4	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+OPC-177S6	=FEED+MCB1/177.5	3SB3500-2KA11	SELETTORE BKNERO 2P 0-1 50°+B.MET.	PZ	1	SIEMENS	SMS3SB35002KA11
+OPC-177S6	=FEED+MCB1/177.5	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+OPC-177S6	=FEED+MCB1/177.5	SITHF01W+P.TARGH	TARGH 27X15 BKWH + PORT.T.22,5+VET	PZ	1	GRAFOPLAST	GRPSITHF01W\$A
+OPC-177S7	=FEED+MCB1/177.6	3SB3500-2EA11	SELETTORE BKNERO 3P 1>0<2 +BASE MET	PZ	1	SIEMENS	SMS3SB35002EA11
+OPC-177S7	=FEED+MCB1/177.6	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	2	SIEMENS	SMS3SB34000B
+OPC-177S7	=FEED+MCB1/177.6	SITHF01W+P.TARGH	TARGH 27X15 BKWH + PORT.T.22,5+VET	PZ	1	GRAFOPLAST	GRPSITHF01W\$A

			Data	22.Mar.2007	RIGID STRANDING COMM. 19068 1+6+12+18+24 B/630	CORTINOVIS S.p.A. BERGAMO - ITALY -	PART LIST	DW0057070014 C.19068	= X
			Dis.to	MF					+ FOGLIO
Revisione	Data	Nome	NORME	IEC-CEI					1268 Segue

**DISTINTA MATERIALI**  
**Part List**

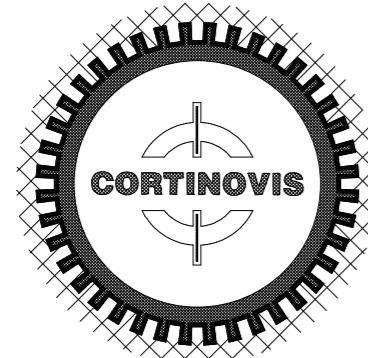
IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+OPC-177S9	=FEED+MCB1/177.8	3SB3500-0AA11	PULSANTE BK NERO PIATTO+BASE MET.	PZ	1	SIEMENS	SMS3SB3500AA11
+OPC-177S9	=FEED+MCB1/177.8	3SB3400-0C	CONTATTO 1X 1C -> 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000C
+OPC-177S10	=FEED+MCB1/177.9	3SB3501-0AA71	PULSANTE TRASPAR. PIATTO LUM.+B.MET	PZ	1	SIEMENS	SMS3SB35010AA71
+OPC-177S10	=FEED+MCB1/177.9	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+OPC-177S10	=FEED+MCB1/177.9	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A



# CAGE 24 LOADER

## C. 19068

			Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	TITLE	DW0061070014 C.19068	= DOC
			Dis.to	MF					+ FOGLIO Segue
Revisione	Data	Nome	NORME	IEC-CEI					1 2



# CORTINOVIS S.p.A.

VIA ZANICA, 87  
24100 BERGAMO (ITALY)  
TEL: (035)313211 - FAX: (035)312523

COMMESSA :	C.19068	INIZIO PROGETTO :	28.Mar.2007
ORDER :		ELABORED :	
NUMERO DISEGNO :	DW0061070014	ULTIMA MODIFICA :	10.Mag.2007
DRAWING NUMBER :		LAST RELEASE :	
CLIENTE :	GSV KAMKABEL - RUSSIA	INIZIO COLLAUDO :	
CUSTOMER :		START-UP :	
DESCRIZIONE LINEA :	CAGE 24 LOADER	FINE COLLAUDO :	
LINE DESCRIPTION :	C. 19068	END OF START-UP :	
PROGETTISTA :	MF	INIZIO COMMISSIONING :	
PROJECT ENGINEER :		LINE COMMISSIONING START :	
DISEGNATORE :	MF	FINE COMMISSIONING :	
DRAWN BY :		LINE COMMISSIONING END :	

		Data	28.Mar.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	LINE DESCRIPTION	DW0061070014 C.19068	= DOC
		Dis.to	MF					+
Revisione	Data	Nome	NORME	IEC-CEI				FOGLIO 2 Segue 3

			DATI GENERALI GENERAL NOTES				
CIRCUITI CIRCUITS		VOLTAGE	COLOUR IEC 204-1 CEI 44-5	COLORE DEL QUADRO ELETTRICO COLOUR OF CABINET			
POTENZA POWER		400V	BLACK	INTERNO INSIDE		ESTERNO OUTSIDE	
AUSILIARI C.A. A.C. AUXILIARY		220V	RED				
AUSILIARI C.C. D.C. AUXILIARY		24V	BLUE	RAL 7035		RAL 7035	
CIRCUITI ESTERNI EXTERNAL INTERLOCK CIRCUITS		<50KA	ORANGE				
TERRA EARTH		PE	YELLOW-GREEN	GRADO DI PROTEZIONE: DEGREE OF PROTECTION: IP54			
CAVO CABLE	CEI 2020 <input type="checkbox"/>	CEI 2022 <input type="checkbox"/>					
APPARECCHIATURA COSTRUITA SECONDO LE EQUIPEMENT MANUFACTURED IN SPECIFICATION TO		IEC 204-1 / EN 60 204-1 / CEI 44-5					

TARGHETTA DATI TECNICI  
TECHNICAL DATA PLATE

	BFM AUTOMAZIONE			
			Via Copernico 44/B Casconi di Gariga 29027 Podenzano (PC)	
ALIMENTAZIONE MAIN SUPPLY	400V	FREQUENZA FREQUENCY	50 HZ	
CORRENTE A PIENO CARICO RATED CURRENT	32A	TENSIONE AUSILIARI CA AC AUXILIARY VOLTAGE	220V	
ANNO DI FABBRICAZIONE MANUFACTURED	2007	TENSIONE AUSILIARI CC DC AUXILIARY VOLTAGE	24 V	
COMMESSA BFM BFM ORDER	070014	COMMESSA CUSTOMER ORDER	C.19068	

		Data	28.Mar.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	TECNICAL DATA	DW0061070014 C.19068	= DOC
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		Nome	NORME					FOGLIO 3
Revisione	Data	IEC-CEI						Segue 10

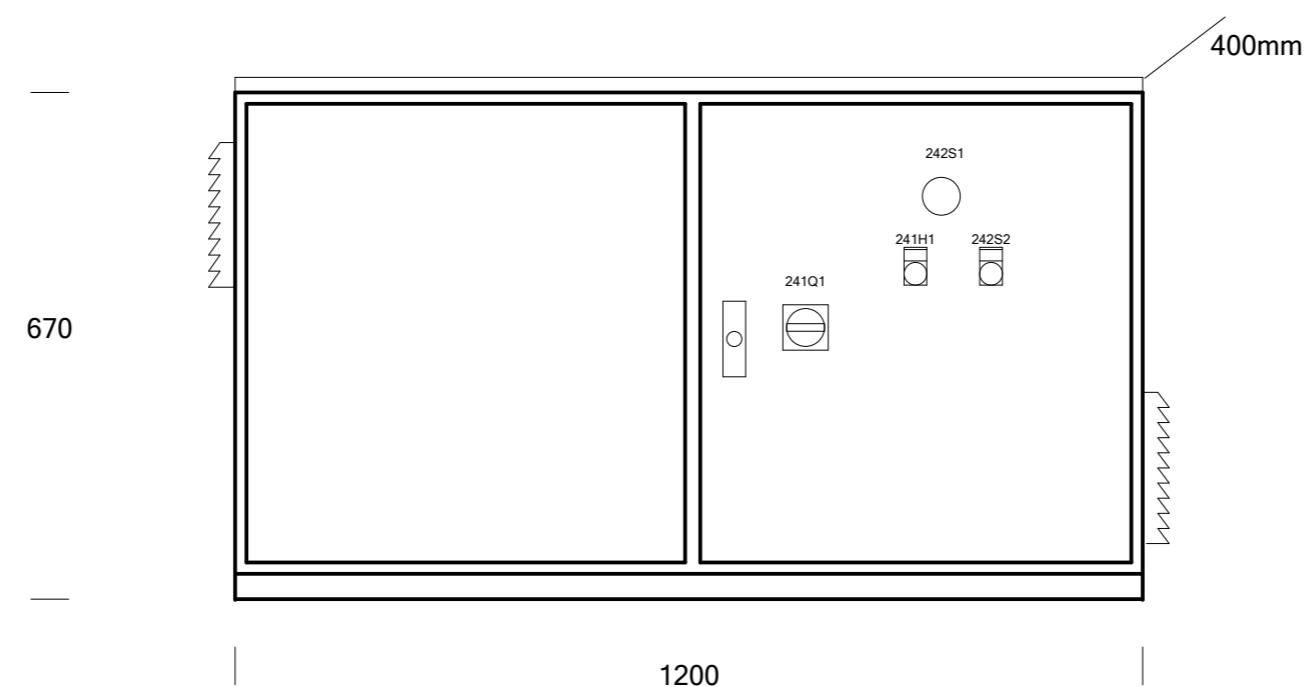
## INDICE FOGLI

## Sheets Index

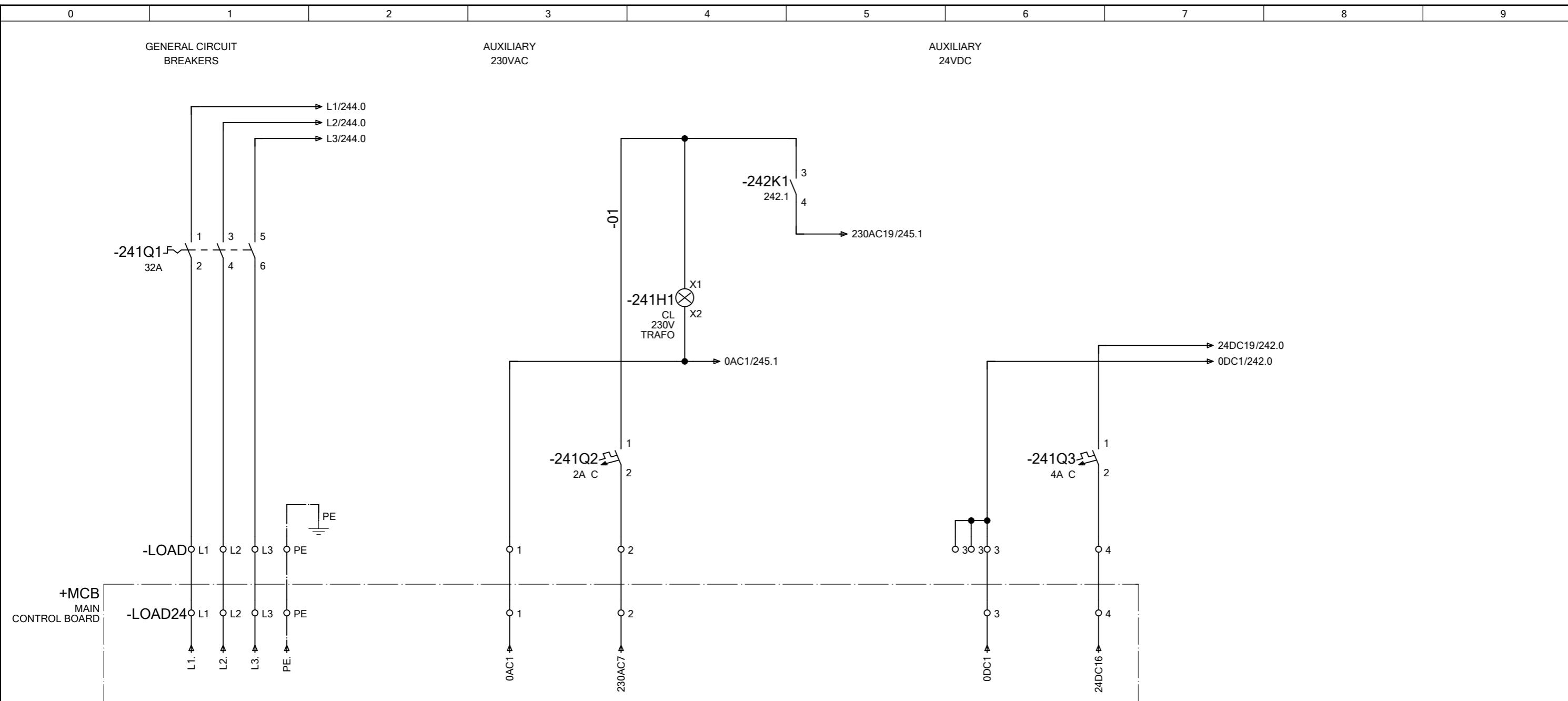
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=DOC/2	LINE DESCRIPTION		=LOADER+MCB18/271	DIGITAL INPUTS	
=DOC/3	TECNICAL DATA		=LOADER+MCB18/272	DIGITAL INPUTS	
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=LOADER+MCB18/242	AUXILIARY INSERTION		=LOADER+MCB18/281	DIGITAL OUTPUTS	
=LOADER+MCB18/244	AC MOTORS		=LOADER+MCB18/282	DIGITAL OUTPUTS	
=LOADER+MCB18/245	230VAC AUXILIARY SUPPLY		=LOADER+MCB18/283	DIGITAL OUTPUTS	
=LOADER+MCB18/246	BRAKES AND BLOWER UXILIARY SUPPLY		=LOADER+MCB18/284	DIGITAL OUTPUTS	
=LOADER+MCB18/251	LOADER TRASLATION MOTOR		=X/1001	INDEX	
=LOADER+MCB18/252	LOADER BOBBINS LIFT./LOWER. MOTOR 1 (LEFT)		=X/1010	+MCB18-LOAD	
=LOADER+MCB18/253	LOADER BOBBINS LIFT./LOWER. MOTOR 2 (RIGHT)		=X/1010.1	+MCB18-LOAD	
=LOADER+MCB18/255	AC MOTOR COMMAND		=X/1250	PART LIST	
=LOADER+MCB18/261	PLC		=X/1251	PART LIST	
=LOADER+MCB18/261.2	PLC INDEX		=X/1252	PART LIST	
=LOADER+MCB18/265	ANALOG INPUTS				

			Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	INDEX	DW0061070014 C.19068	= DOC	
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										10
Revisione	Data	Nome	NORME	IEC-CEI					Segue	50

+MCB



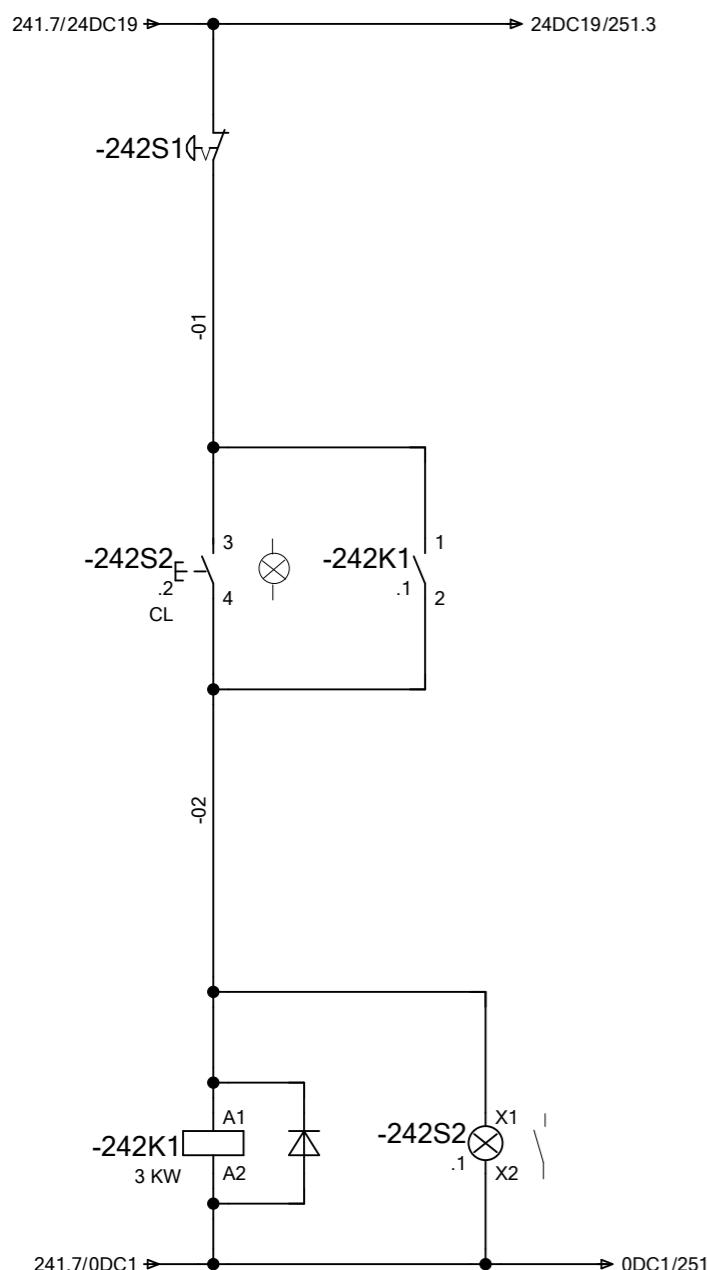
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			Dis.to	MF					+
									FOGLIO 50
Revisione	Data	Nome	NORME	IEC-CEI					Segue =LOADER+MCB24/241



400V 50H  
3PH+PE

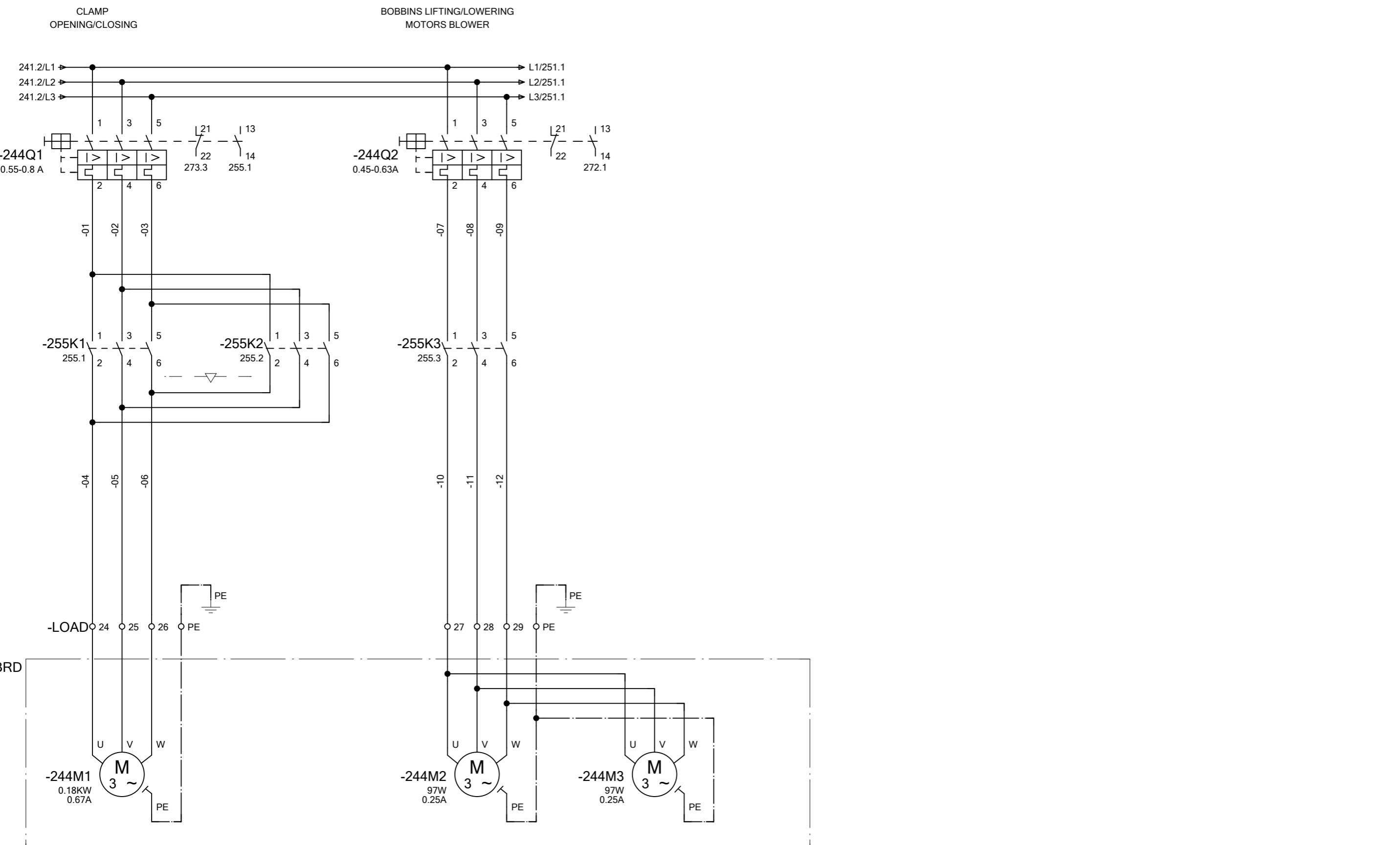
TO SEE DW0057  
SHEET 635

## AUXILIARY INSERTION



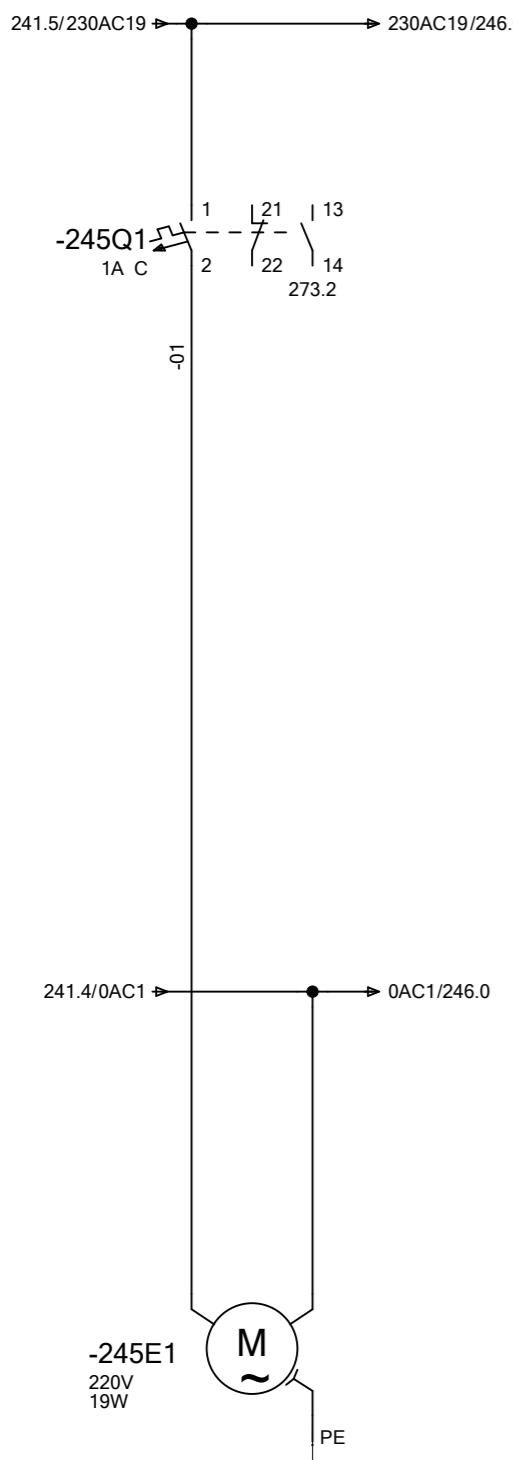
~~1~~ 273.  
~~1~~ .1  
~~3~~ 241.5

0 1 2 3 4 5 6 7 8 9



		Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	AC MOTORS	DW0061070014	= LOADER
		Dis.to	MF					+ MCB24
Revisione	Data	Nome	NORME	IEC-CEI	BERGAMO - ITALY -	C.19068	DW0061070014	FOGLIO
							C.19068	Segue

EL.CABINET FAM



			Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	230VAC AUXILIARY SUPPLY	DW0061070014	= LOADER + MCB24
			Dis.to	MF					FOGLIO
								C.19068	245
Revisione	Data	Nome	NORME	IEC-CEI				Segue	246

0 1 2 3 4 5 6 7 8 9

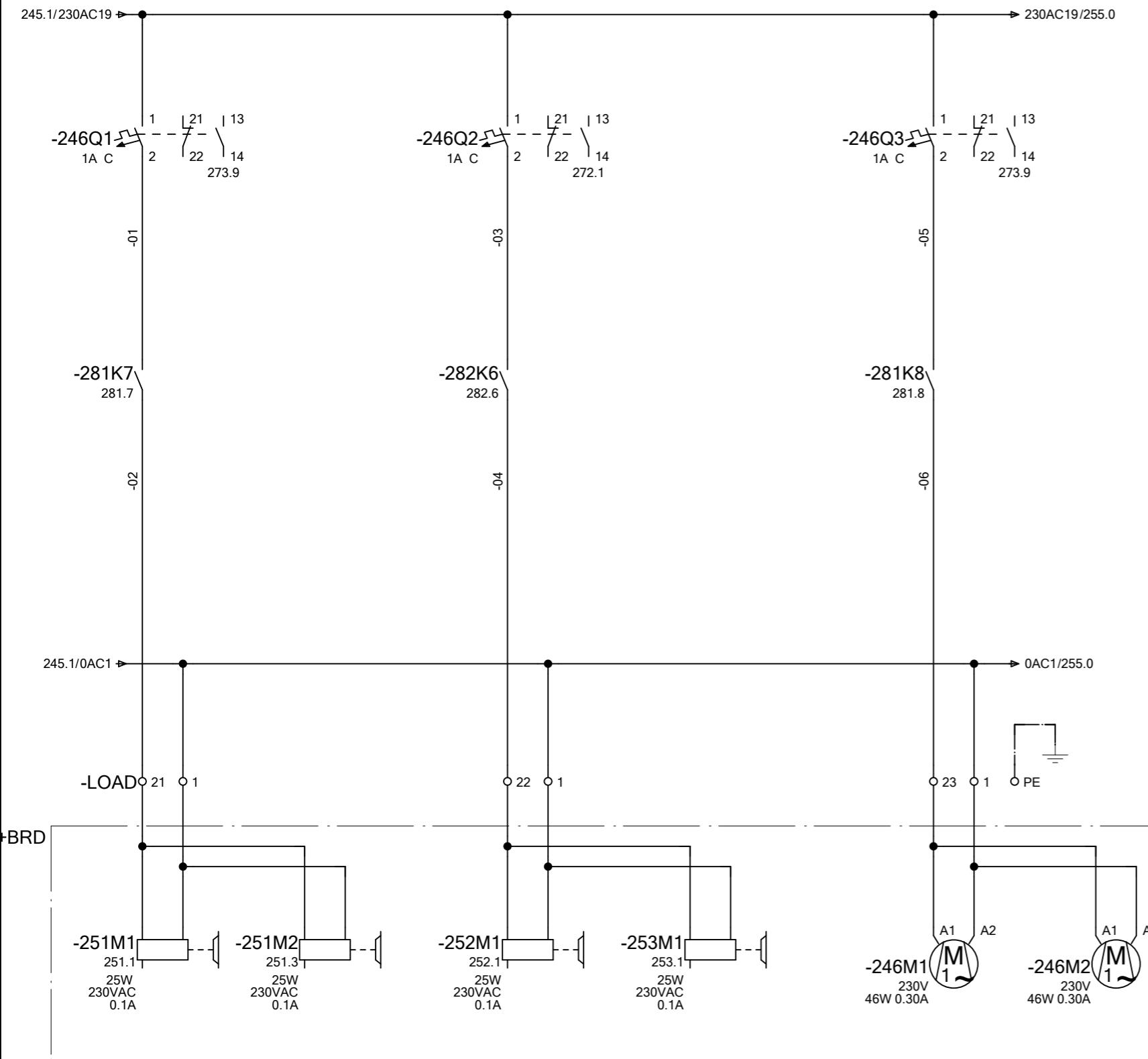
LOADER TRASL.  
MOT. 1 EL. BRAKE

LOADER TRASL.  
MOT. 2 EL. BRAKE

LOADER LIFT./LOW.  
MOT. 1 EL. BRAKE

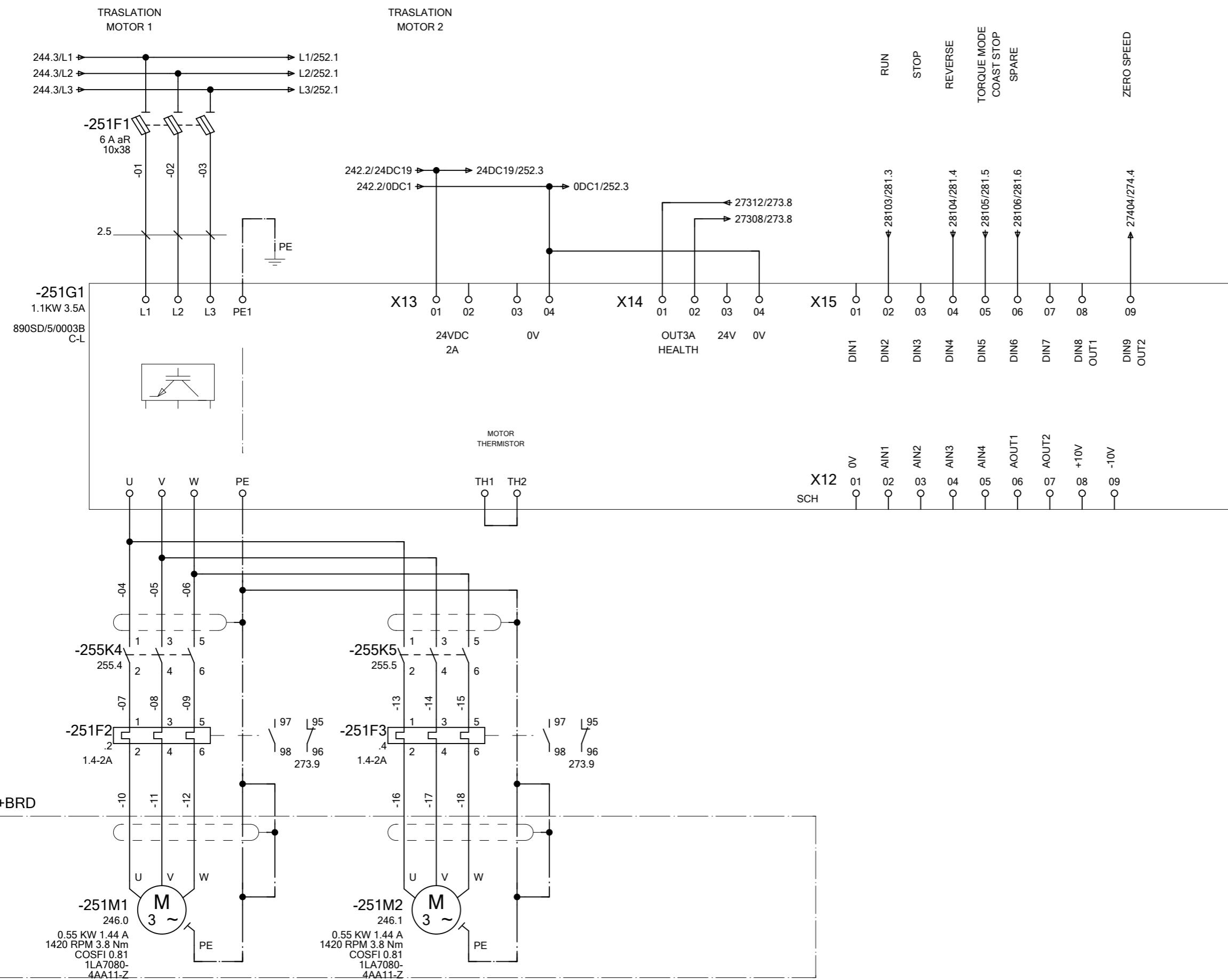
LOADER LIFT./LOW.  
MOT. 2 EL. BRAKE

LOADER TRASL.  
MOT. BLOWER

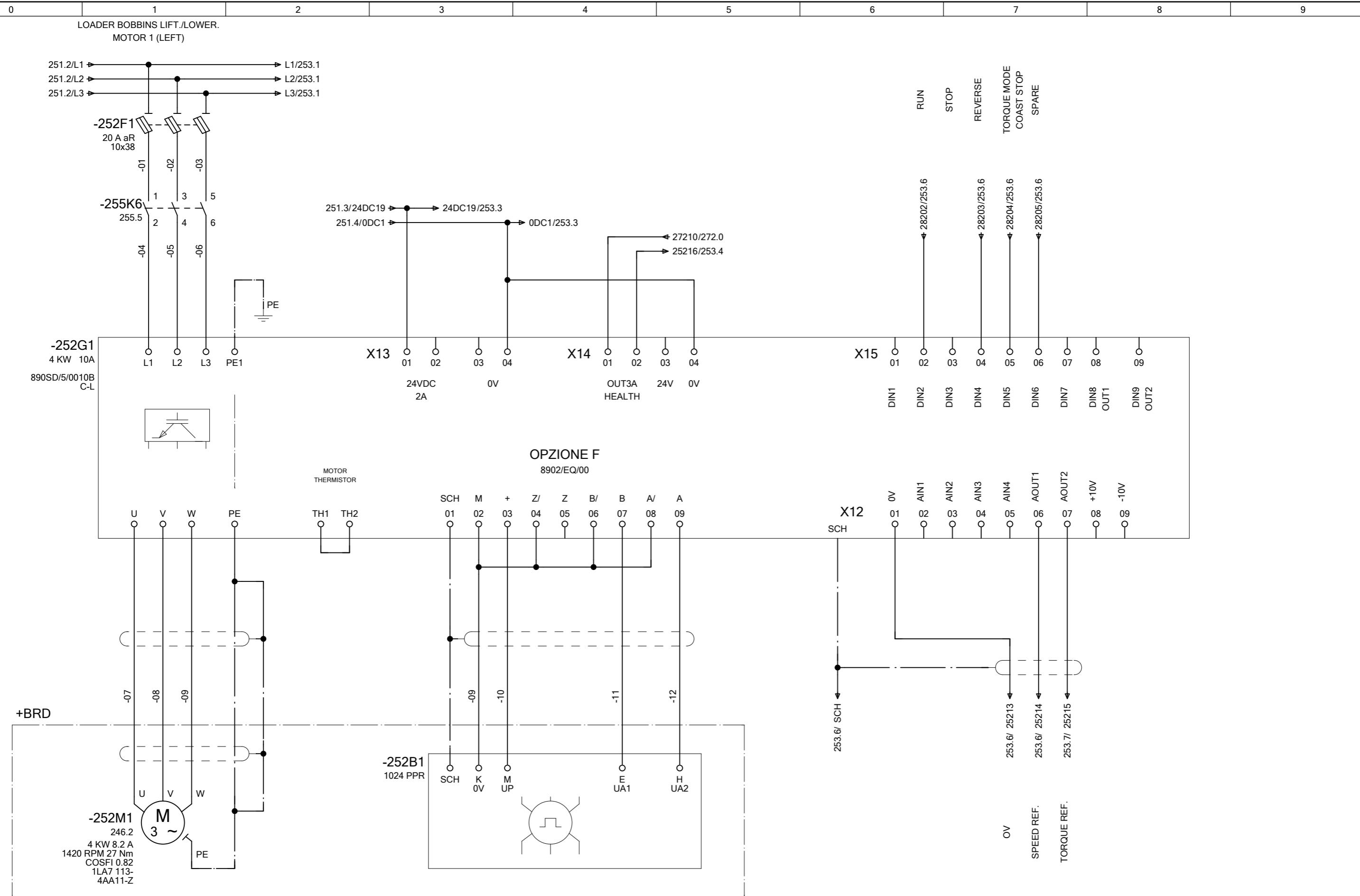


		Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	BRAKES AND BLOWER UXILIARY SUPPLY	DW0061070014	= LOADER
		Dis.to	MF					+ MCB24
Revisione	Data	Nome	NORME	IEC-CEI			C.19068	FOGLIO
								251

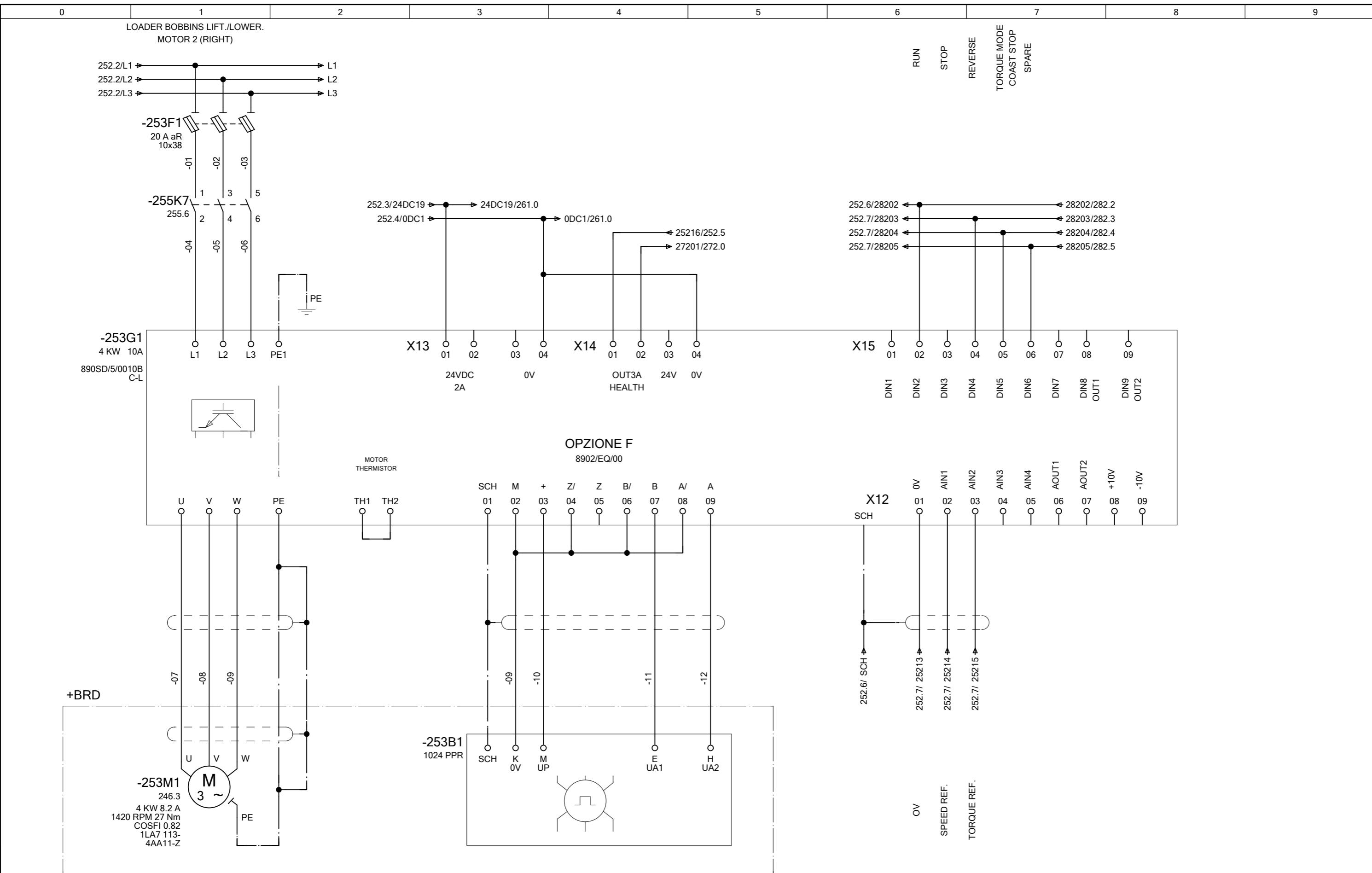
0 1 2 3 4 5 6 7 8 9



			Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	LOADER TRASLATION MOTOR	DW0061070014 C.19068	= LOADER
			Dis.to	MF					+ MCB24
Revisione	Data	Nome	NORME	IEC-CEI					FOGLIO
									Segue



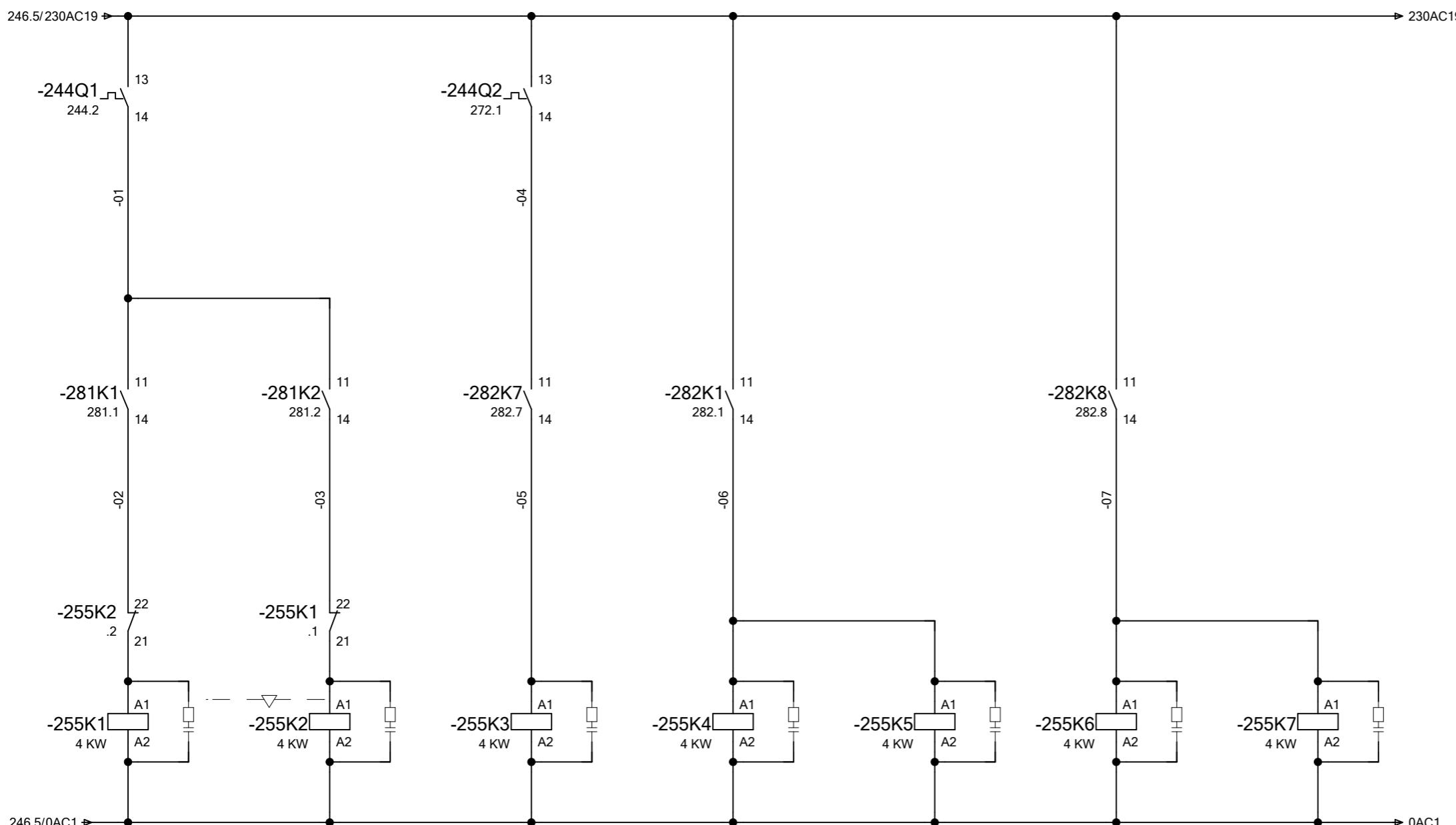
			Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	LOADER BOBBINS LIFT./LOWER. MOTOR 1 (LEFT)	DW0061070014 C.19068	= LOADER
			Dis.to	MF					+ MCB24
Revisione	Data	Nome	NORME	IEC-CEI					FOGLIO
									Segue



			Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	LOADER BOBBINS LIFT./LOWER. MOTOR 2 (RIGHT)	DW0061070014	= LOADER + MCB24
			Dis.to	MF					FOGLIO
								C.19068	253
Revisione	Data	Nome	NORME	IEC-CEI				Segue	255

0 1 2 3 4 5 6 7 8 9

CLAMP OPENING  
MOTOR CLAMP CLOSING  
MOTOR BOBBINS LIFTING/LOWER  
MOTORS BLOWER TRASLATION  
MOTORS LOADER BOBBINS LIFT./LOWER. LOADER BOBBINS LIFT./LOWER.  
MOTOR 1 (LEFT) MOTOR 2 (RIGHT)



1 - 244.1  
3 - 244.1  
5 - 244.1  
21 - .2

1 - 244.2  
3 - 244.2  
5 - 244.2  
21 - .1

1 - 244.3  
3 - 244.3  
5 - 244.3

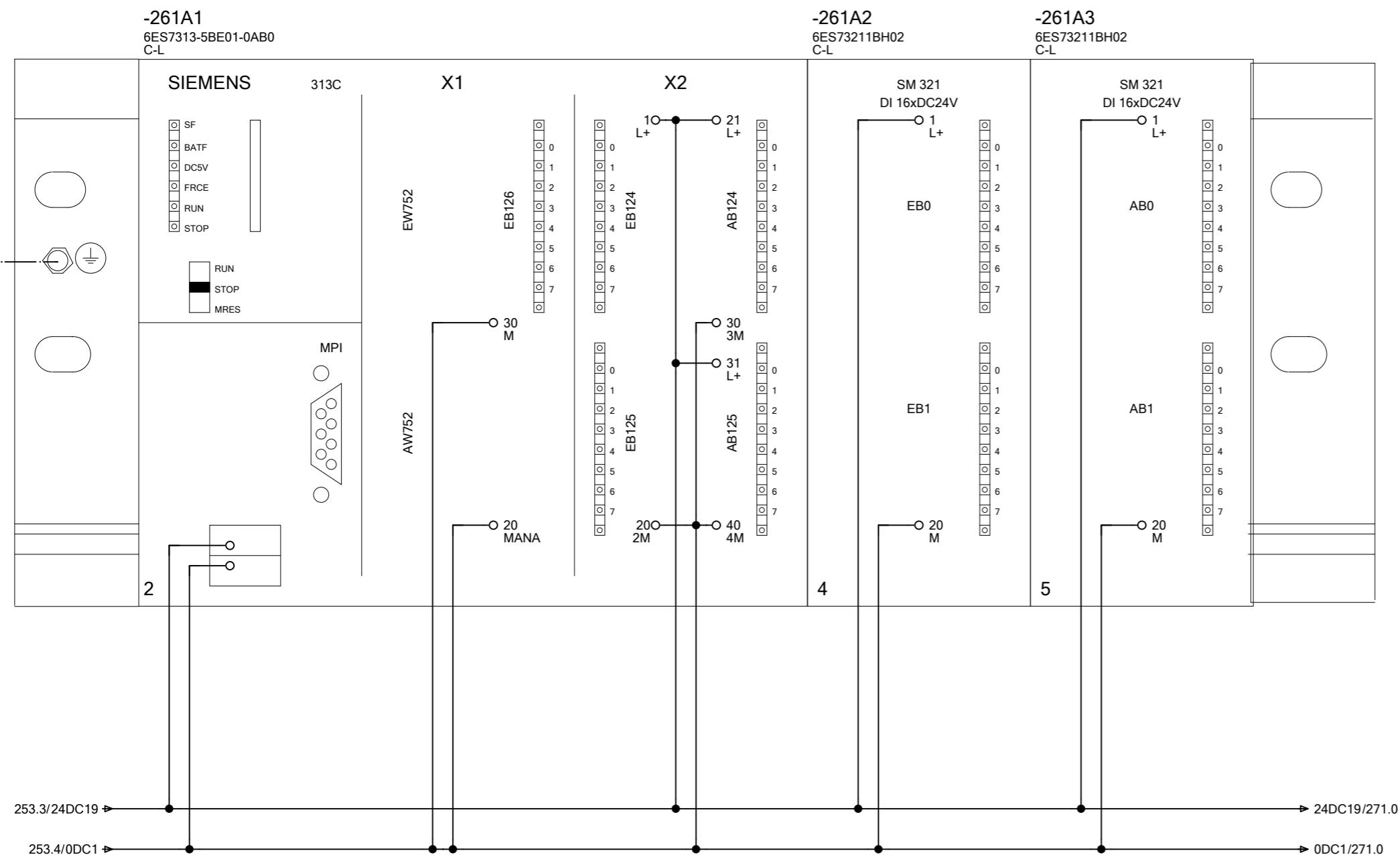
1 - 251.1  
3 - 251.1  
5 - 251.1

1 - 251.3  
3 - 251.3  
5 - 251.3

1 - 252.1  
3 - 252.1  
5 - 252.1

1 - 253.1  
3 - 253.1  
5 - 253.1

		Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	AC MOTOR COMMAND	DW0061070014 C.19068	= LOADER
		Dis.to	MF					+ MCB24
								FOGLIO 255
Revisione	Data	Nome	NORME	IEC-CEI				Segue 261



			Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	PLC	DW0061070014  C.19068	= LOADER	
			Dis.to	MF					+ MCB24	
									FOGLIO	261
Revisione	Data	Nome	NORME	IEC-CEI					Segue	261.2

**-261A1**

X1	X2
2 O EW752	2 O E124.0
3 O	3 O .1
4 O	4 O .2
5 O EW754	5 O .3
6 O	6 O .4
7 O	7 O .5
8 O EW756	8 O .6
9 O	9 O .7
10 O	12 O E125.0
11 O EW758	13 O .1
12 O	14 O .2
13 O	15 O .3
14 O EW760	16 O .4
15 O	17 O .5
16 O AW752	18 O .6
17 O	19 O .7
18 O AW754	22 O A124.0
19 O	23 O .1
22 O E126.0	24 O .2
23 O .1	25 O .3
24 O .2	26 O .4
25 O .3	27 O .5
26 O .4	28 O .6
27 O .5	29 O .7
28 O .6	32 O A125.0
29 O .7	33 O .1
	34 O .2
	35 O .3
	36 O .4
	37 O .5
	38 O .6
	39 O .7

**-261A2**

2 O E0.0
3 O .1
4 O .2
5 O .3
6 O .4
7 O .5
8 O .6
9 O .7
/275.1 12 O E1.0
/275.2 13 O .1
/275.3 14 O .2
/275.4 15 O .3
/275.5 16 O .4
/275.6 17 O .5
/275.7 18 O .6
/275.8 19 O .7

**-261A3**

2 O A0.0
3 O .1
4 O .2
5 O .3
6 O .4
7 O .5
8 O .6
9 O .7
/284.1 12 O A1.0
/284.2 13 O .1
/284.3 14 O .2
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/284.5 16 O .4
/284.6 17 O .5
/284.7 18 O .6
/284.8 19 O .7

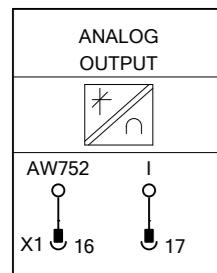
0	1	2	3	4	5	6	7	8	9
	SPARE								
-261A1		-261A1		-261A1		-261A1		-261A1	

			Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	ANALOG INPUTS	DW0061070014 C.19068	= LOADER	
			Dis.to	MF					+ MCB24	
									FOGLIO	265
Revisione	Data	Nome	NORME	IEC-CEI					Segue	266

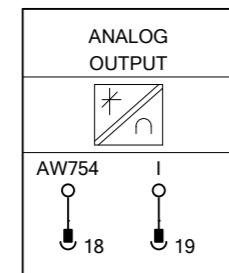
SPARE

SPARE

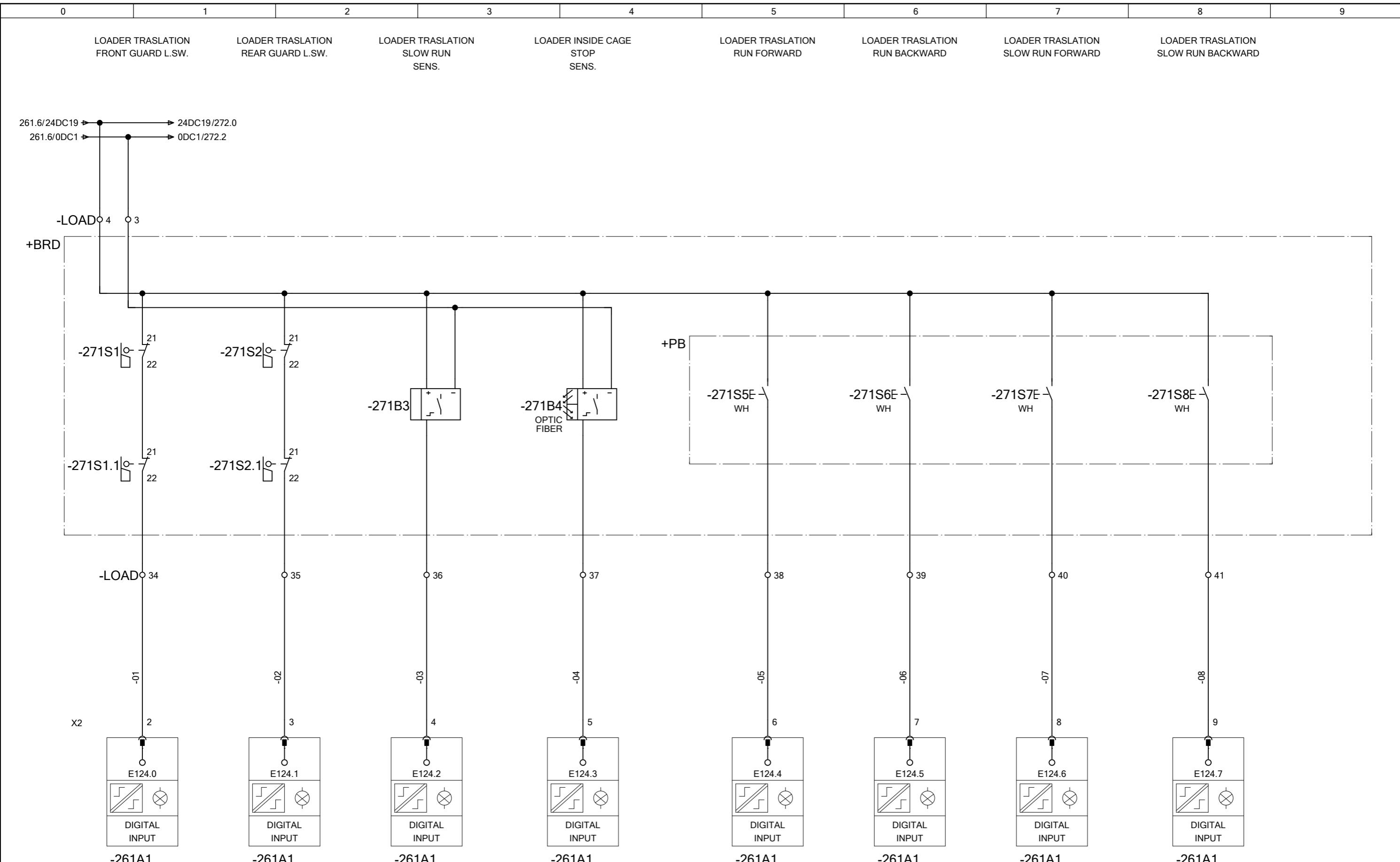
-261A1



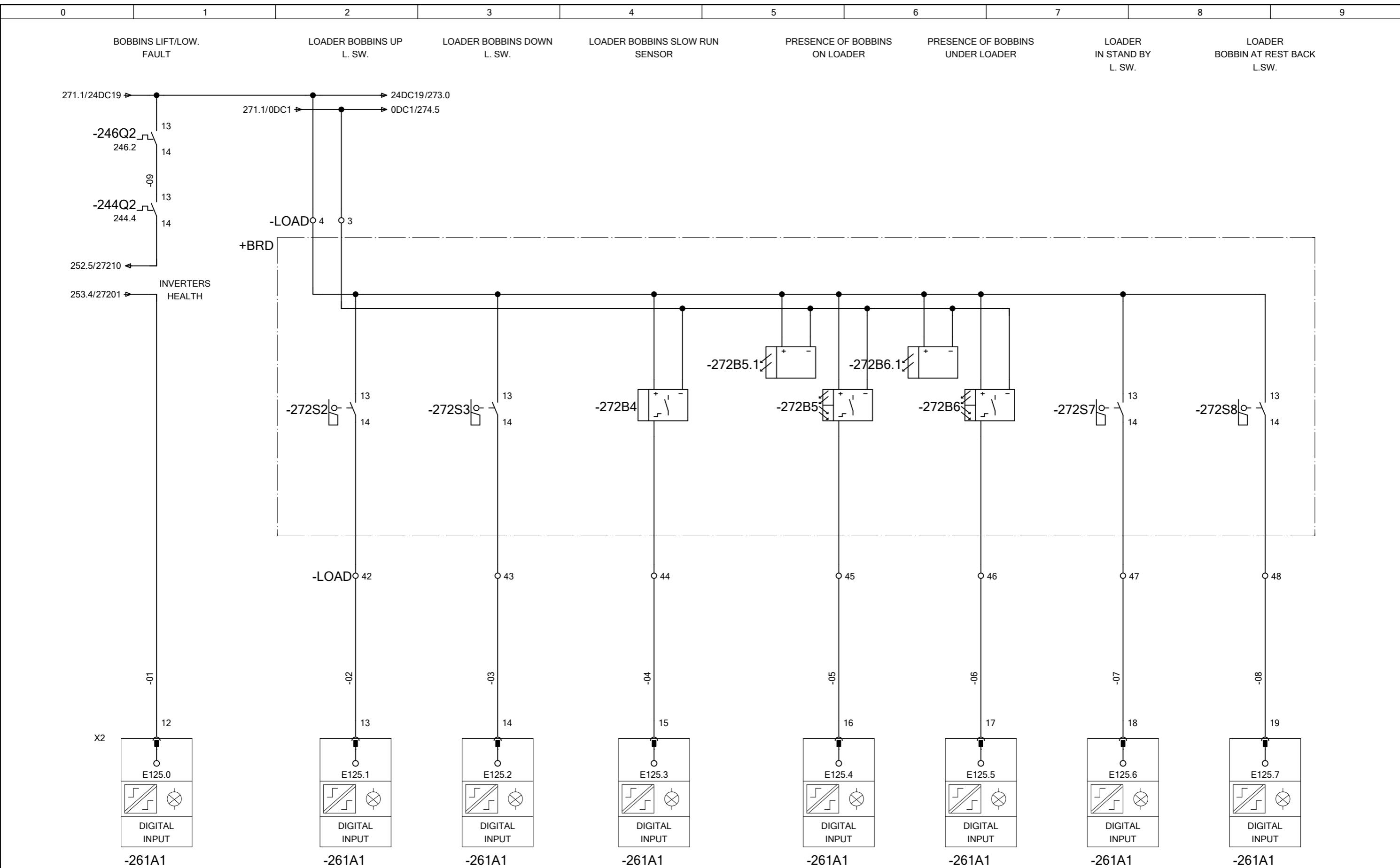
-261A1



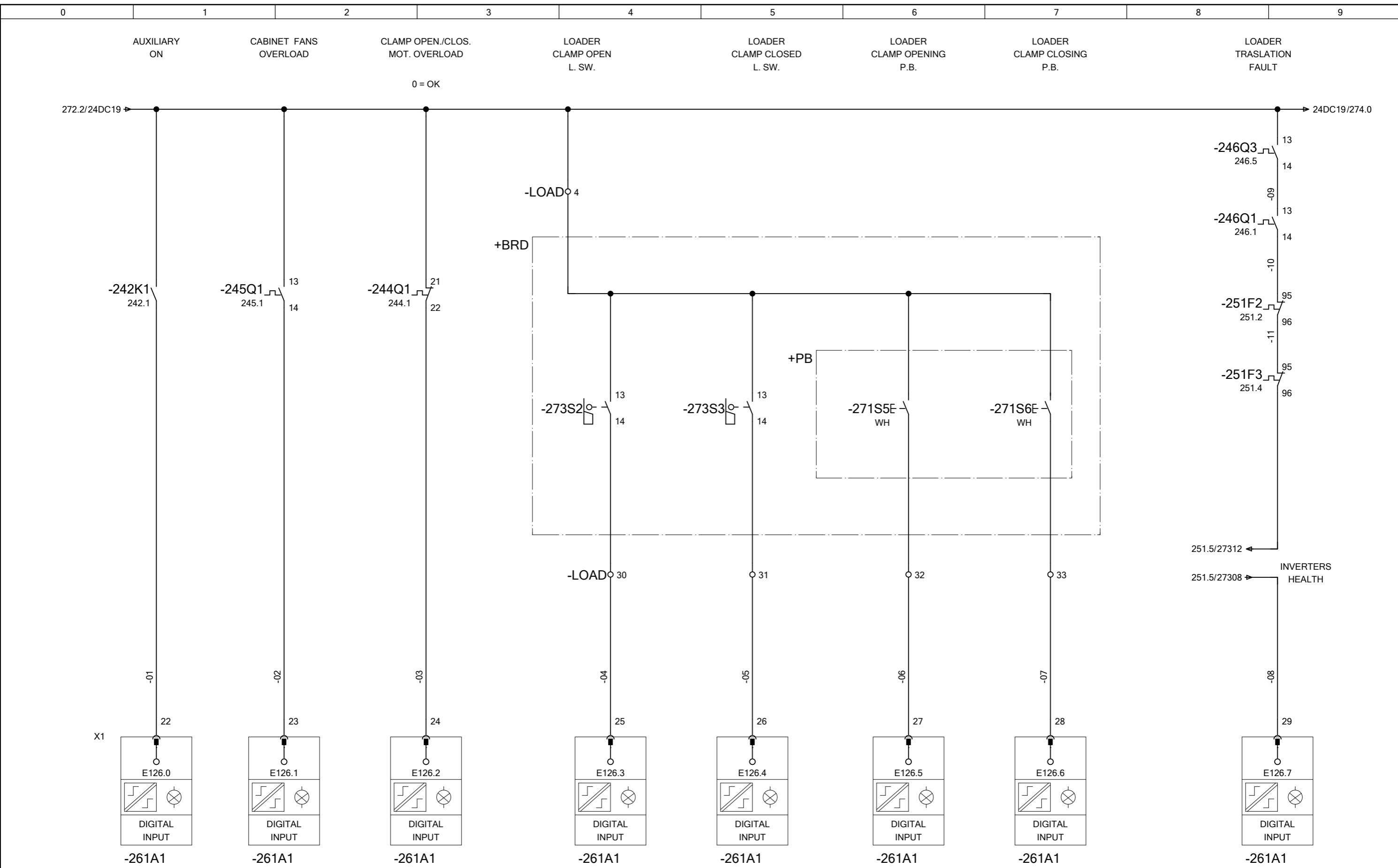
			Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	ANALOG OUTPUT	DW0061070014	= LOADER
			Dis.to	MF					+ MCB24
								C.19068	FOGLIO 266
Revisione	Data	Nome	NORME	IEC-CEI					Segue 271

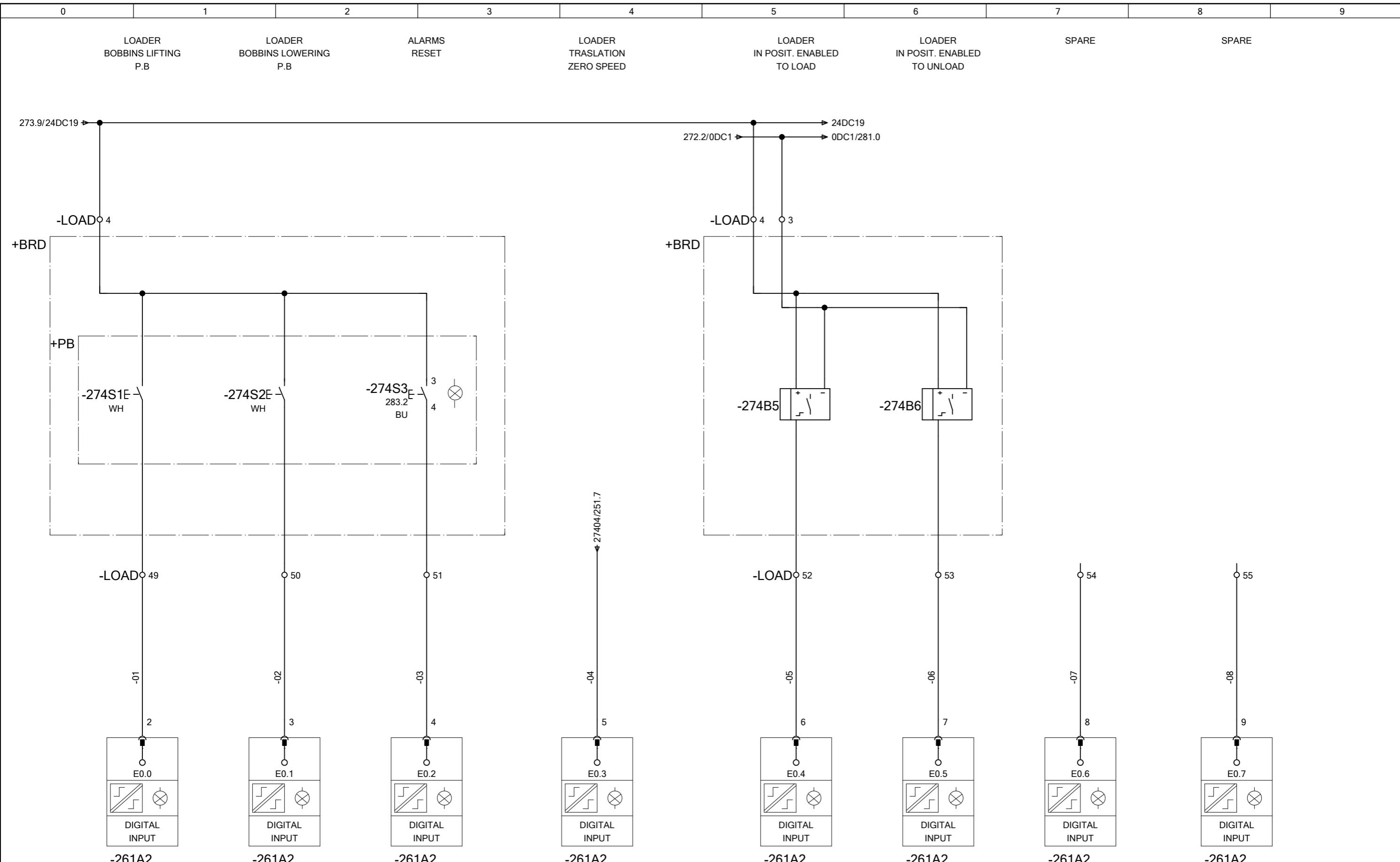


		Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0061070014 C.19068	= LOADER
		Dis.to	MF					+ MCB24
								FOGLIO Segue
Revisione	Data	Nome	NORME	IEC-CEI				271 272



			Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0061070014 C.19068	= LOADER	
			Dis.to	MF					+ MCB24	
									FOGLIO	272
Revisione	Data	Nome	NORME	IEC-CEI					Segue	273





		Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0061070014 C.19068	= LOADER
		Dis.to	MF					+ MCB24
								FOGLIO 274
Revisione	Data	Nome	NORME	IEC-CEI				Segue 275

0                    1                    2                    3                    4                    5                    6                    7                    8                    9

LOADER ENABLE  
FROM CAGE

LOADER PRESENCE  
INSIDE CAGE

LOADER PISTON  
BLOCK INSERTED

**LOADER PINTLES OPEN  
FROM CAGE**

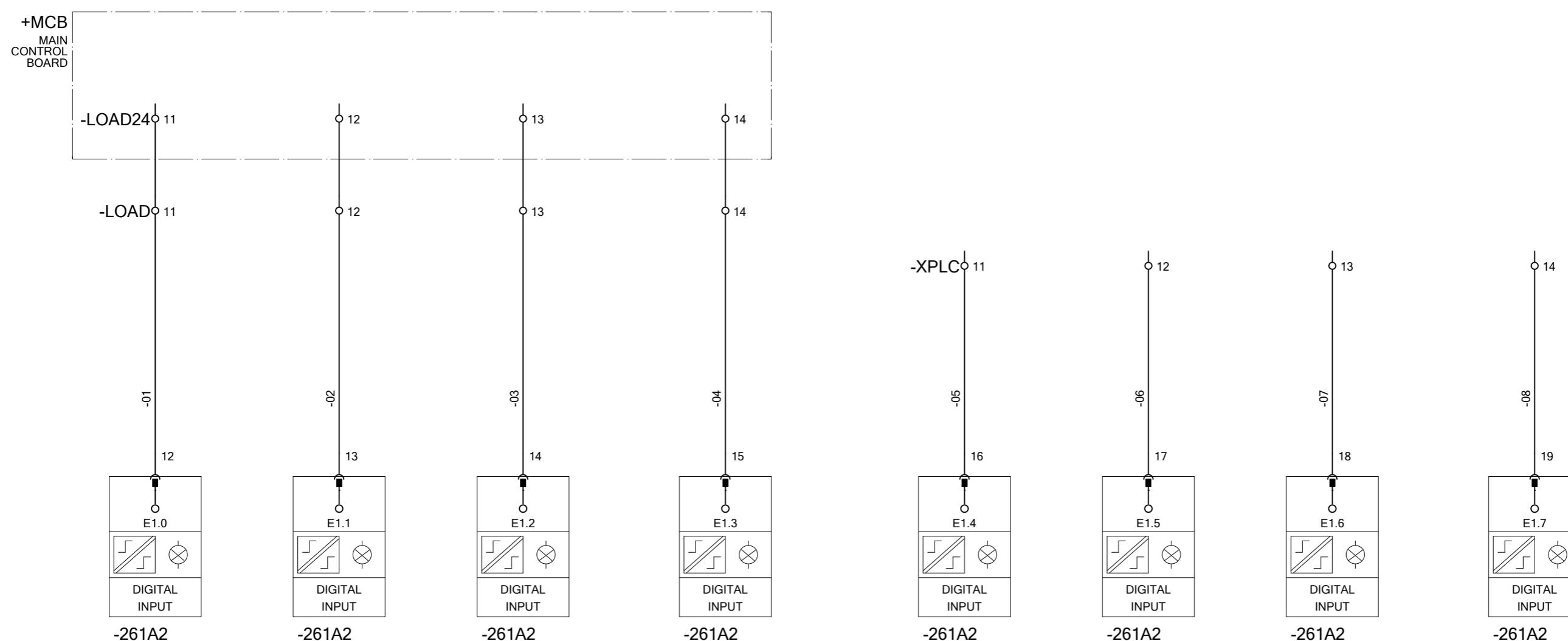
SPARE

SPARE

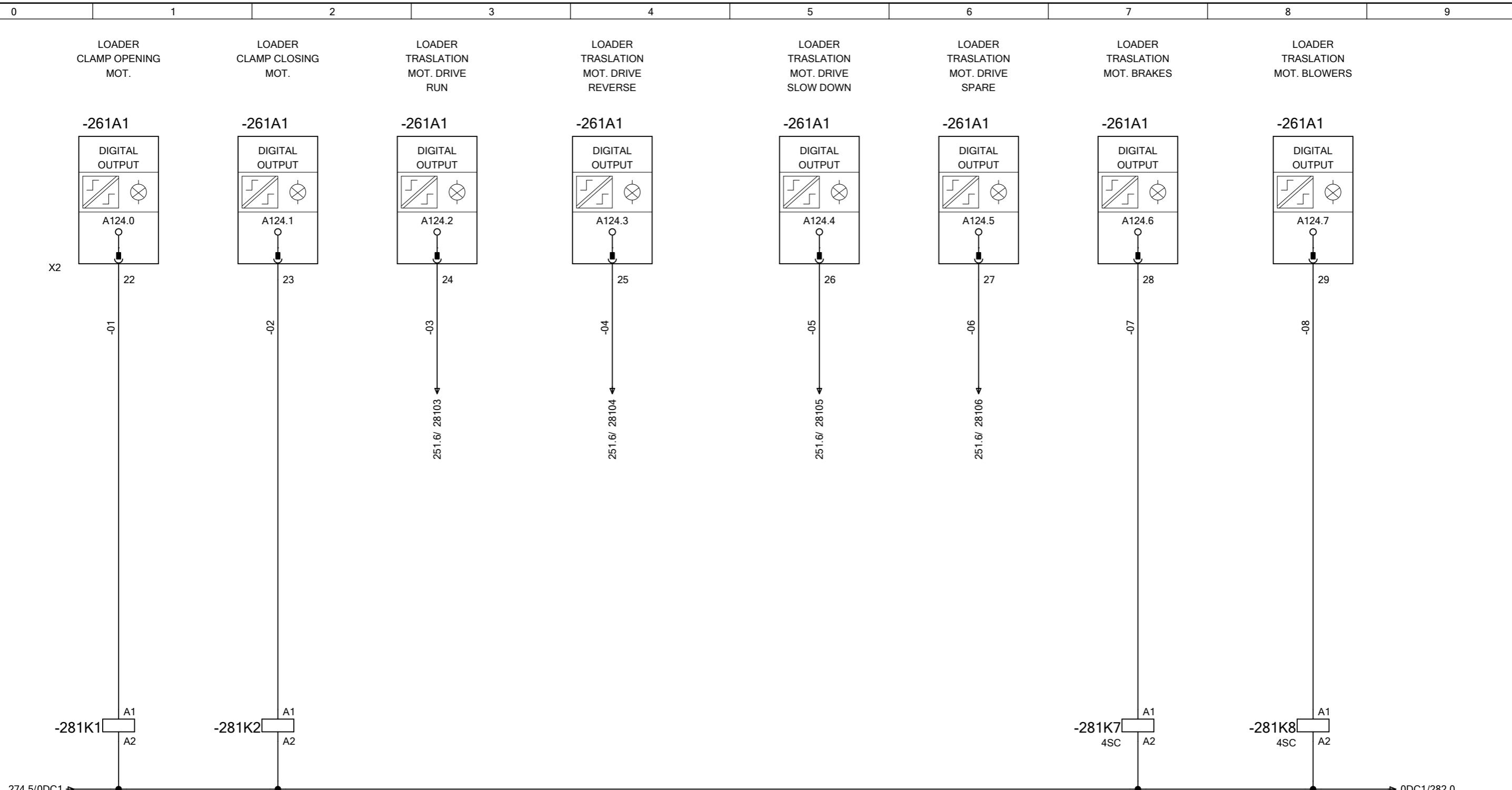
SPARE

SPARE

TO SEE DW0057  
SHEET 636



			Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL INPUTS	DW0061070014 C.19068	= LOADER	
			Dis.to	MF					+ MCB24	
									FOGLIO	275
Revisione	Data	Nome	NORME	IEC-CEI					Segue	281



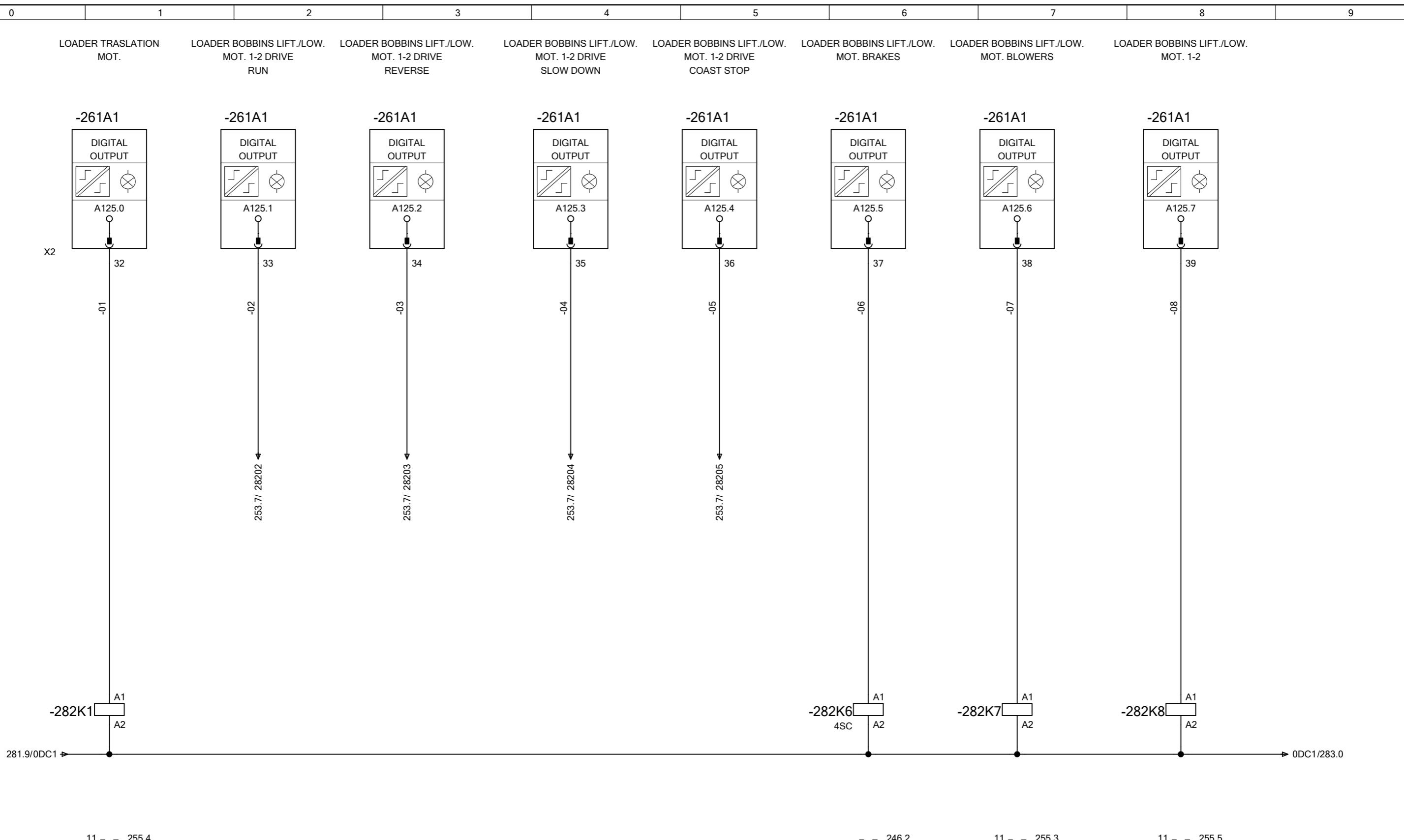
11 - 255.1

11 - 255.2

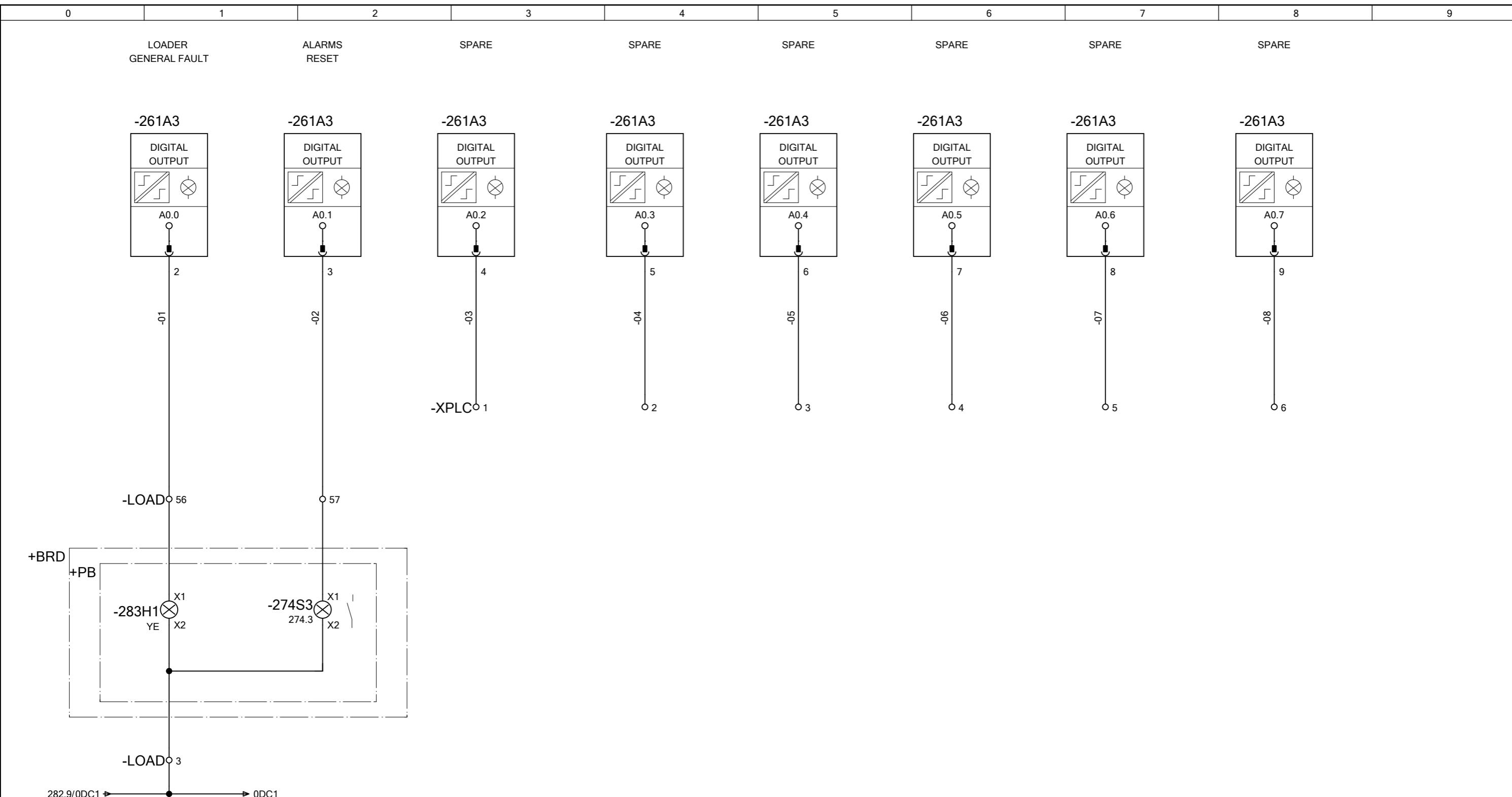
- 246.0

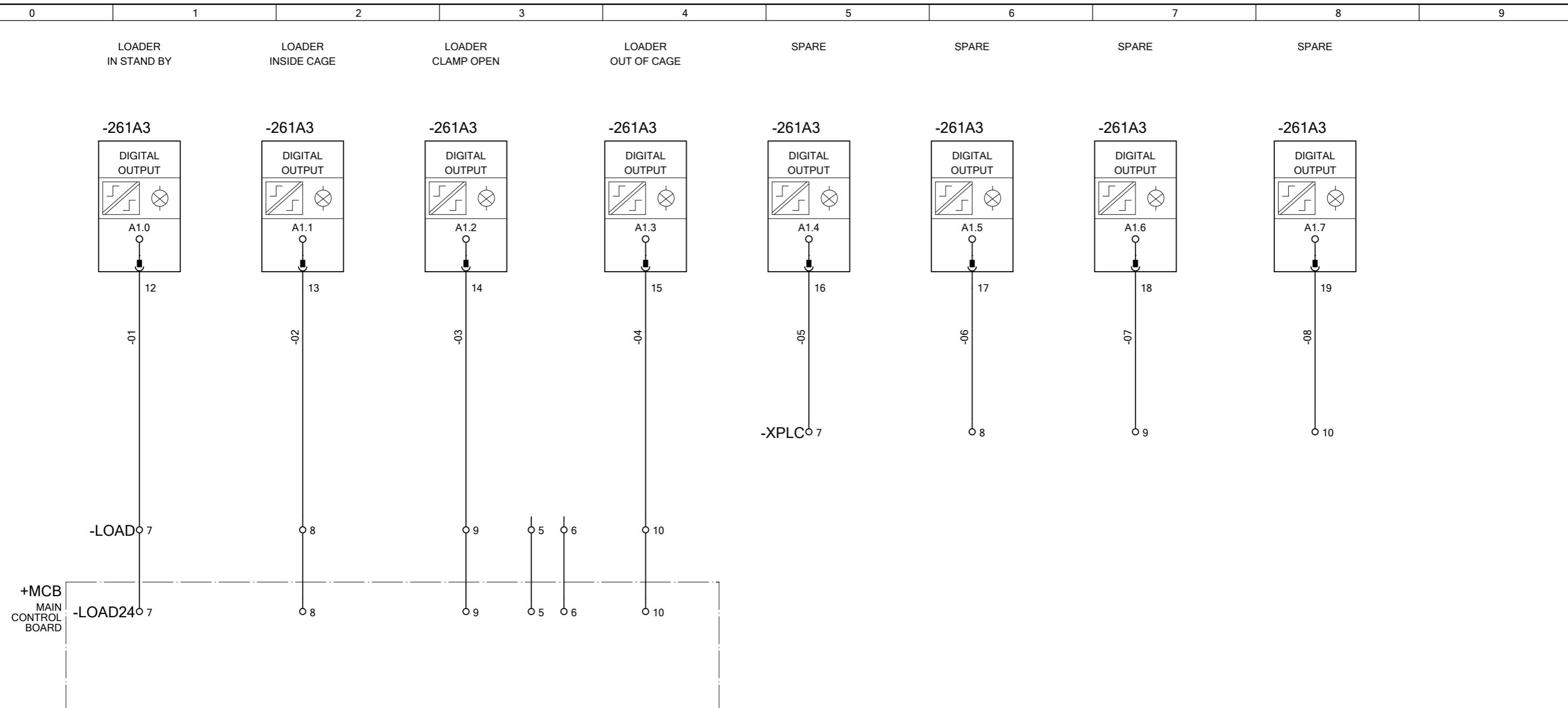
- 246.4

			Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS	DW0061070014 C.19068	= LOADER
			Dis.to	MF					+ MCB24
Revisione	Data	Nome	NORME	IEC-CEI					FOGLIO Segue



			Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS	DW0061070014	= LOADER
			Dis.to	MF					+ MCB24
								C.19068	FOGLIO 282
Revisione	Data	Nome	NORME	IEC-CEI					Segue 283





TO SEE DW0057  
SHEET 636

			Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	DIGITAL OUTPUTS	DW0061070014  C.19068	= LOADER
			Dis.to	MF					+ MCB24
									FOGLIO 284
Revisione	Data	Nome	NORME	IEC-CEI					Segue =X/1001

			Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -		DW0061070014	= X
			Dis.to	MF					+ FOGLIO
								C.19068	1001 Segue 1010
Revisione	Data	Nome	NORME	IEC-CEI					

RIFERIMENTO Terminal Refer.	MORSETTIERA Terminal Strip +MCB24-LOAD						FUNZIONE Function Text		
	/FOGLIO.MONT. /Sheet.Path	N° COND. Wire No.	ATTACCO A MONTE Termination Source	L I N K	MORSETTO Terminal	ATTACCO A VALLE Termination Target	CAVO Cable	TIPO CAVO Cable Type	SEZ. CONDUT. Core Section
=LOADER+MCB24/241.3	-241H1	X2			1	+MCB-LOAD24	1	0VAC	
=LOADER+MCB24/246.0	-0AC1				1	+BRD-251M1		LOADER TRSL. MOT. 1 EL. BRAKE	
=LOADER+MCB24/246.2					1	+BRD-252M1		LOADER LIFT./LOW. MOT. 1 EL. BRAKE	
=LOADER+MCB24/246.4	-0AC1				1	+BRD-246M1	A2	LOADER TRSL. MOT. BLOWER	
=LOADER+MCB24/241.3	-241Q2	2			2	+MCB-LOAD24	2	230VAC	
=LOADER+MCB24/241.6					3			0V	
=LOADER+MCB24/241.6					3			=	
=LOADER+MCB24/241.6	-0DC1				3	+MCB-LOAD24	3	=	
=LOADER+MCB24/271.0	-0DC1				3	+BRD-271B3			
=LOADER+MCB24/272.2	-0DC1				3	+BRD-272B4		BOBBINS LIFT/LOW. FAULT	
=LOADER+MCB24/274.5	-0DC1				3	+BRD-274B5		LOADER TRASLATION ZERO SPEED	
=LOADER+MCB24/283.1	-0DC1				3	+PB-283H1	X2	LOADER GENERAL FAULT	
=LOADER+MCB24/241.6	-241Q3	2			4	+MCB-LOAD24	4	24VDC	
=LOADER+MCB24/271.0	-24DC19				4	+BRD-271S1	21		
=LOADER+MCB24/272.2	-246Q2	13			4	+BRD-272S2	13	BOBBINS LIFT/LOW. FAULT	
=LOADER+MCB24/273.4	-244Q1	21			4	+BRD-273S2	13	CLAMP OPEN./CLOS. MOT. OVERLOAD	
=LOADER+MCB24/274.0	-24DC19				4	+PB-274S1			
=LOADER+MCB24/274.5	-24DC19				4	+BRD-274B5		LOADER TRASLATION ZERO SPEED	
=LOADER+MCB24/284.3					5	+MCB-LOAD24	5	SPARE	
=LOADER+MCB24/284.3					6	+MCB-LOAD24	6	=	
=LOADER+MCB24/284.1	-01	-261A3	12		7	+MCB-LOAD24	7	LOADER IN STAND BY	
=LOADER+MCB24/284.2	-02	-261A3	13		8	+MCB-LOAD24	8	LOADER INSIDE CAGE	
=LOADER+MCB24/284.3	-03	-261A3	14		9	+MCB-LOAD24	9	LOADER CLAMP OPEN	
=LOADER+MCB24/284.4	-04	-261A3	15		10	+MCB-LOAD24	10	LOADER OUT OF CAGE	
=LOADER+MCB24/275.1	-01	-261A2	12		11	+MCB-LOAD24	11	LOADER ENABLE FROM CAGE	
=LOADER+MCB24/275.2	-02	-261A2	13		12	+MCB-LOAD24	12	LOADER PRESENCE INSIDE CAGE	
=LOADER+MCB24/275.3	-03	-261A2	14		13	+MCB-LOAD24	13	LOADER PISTON BLOCK INSERTED	
=LOADER+MCB24/275.4	-04	-261A2	15		14	+MCB-LOAD24	14	LOADER PINTLES OPEN FROM CAGE	
=LOADER+MCB24/246.0	-02	-281K7			21	+BRD-251M1		LOADER TRSL. MOT. 1 EL. BRAKE	
=LOADER+MCB24/246.2	-04	-282K6			22	+BRD-252M1		LOADER LIFT./LOW. MOT. 1 EL. BRAKE	
=LOADER+MCB24/246.4	-06	-281K8			23	+BRD-246M1	A1	LOADER TRASL. MOT. BLOWER	
=LOADER+MCB24/244.1	-04	-255K1	2		24	+BRD-244M1	U	CLAMP OPENING/CLOSING	
=LOADER+MCB24/244.1	-05	-255K1	4		25	+BRD-244M1	V	=	
=LOADER+MCB24/244.1	-06	-255K1	6		26	+BRD-244M1	W	=	
=LOADER+MCB24/244.1		-PE			PE	+BRD-244M1	PE	=	
=LOADER+MCB24/244.3	-10	-255K3	2		27	+BRD-244M2	U	BOBBINS LIFTING/LOWERING MOTORS BLOWER	
=LOADER+MCB24/244.3	-11	-255K3	4		28	+BRD-244M2	V	=	
=LOADER+MCB24/244.3	-12	-255K3	6		29	+BRD-244M2	W	=	
=LOADER+MCB24/244.4		-PE			PE	+BRD-244M2	PE	=	

		Data	27.Apr.2007	CAGE 24 LOADER C. 19068	CORTINOVIS S.p.A. BERGAMO - ITALY -	+MCB24-LOAD	DW0061070014	= X
		Dis.to	MF					+FOGLIO
							C.19068	1010.1
Revisione	Data	Nome	NORME	IEC-CEI			Segue	1010.1

RIFERIMENTO Terminal Refer.	MORSETTIERA Terminal Strip +MCB24-LOAD						FUNZIONE Function Text	
	ATTACCO A MONTE Termination Source	NOME MORSETTO Terminal Name	L I N K	MORSETTO Terminal	ATTACCO A VALLE Termination Target	CAVO Cable	TIPO CAVO Cable Type	SEZ. CONDUT. Core Section
/FOGLIO.MONT. /Sheet.Path	N° COND. Wire No.	=Plant+Locat-IDe	:PIN	=Plant+Locat-IDe	:PIN			
=LOADER+MCB24/273.4	-04	-261A1	25		30	+BRD-273S2	14	LOADER CLAMP OPEN L. SW.
=LOADER+MCB24/273.5	-05	-261A1	26		31	+BRD-273S3	14	=
=LOADER+MCB24/273.6	-06	-261A1	27		32	+BRD-271S5		LOADER CLAMP OPENING P.B.
=LOADER+MCB24/273.7	-07	-261A1	28		33	+BRD-271S6		LOADER CLAMP CLOSING P.B.
=LOADER+MCB24/271.1	-01	-261A1	2		34	+BRD-271S1.1	22	LOADER TRASLATION FRONT GUARD L.SW.
=LOADER+MCB24/271.2	-02	-261A1	3		35	+BRD-271S2.1	22	LOADER TRASLATION REAR GUARD L.SW.
=LOADER+MCB24/271.3	-03	-261A1	4		36	+BRD-271B3		LOADER TRASLATION SLOW RUN SENS.
=LOADER+MCB24/246.5				PE				PE
=LOADER+MCB24/271.4	-04	-261A1	5		37	+BRD-271B4		LOADER INSIDE CAGE STOP SENS.
=LOADER+MCB24/271.5	-05	-261A1	6		38	+PB-271S5		LOADER TRASLATION RUN FORWARD
=LOADER+MCB24/271.6	-06	-261A1	7		39	+PB-271S6		LOADER TRASLATION RUN BACKWARD
=LOADER+MCB24/271.7	-07	-261A1	8		40	+PB-271S7		LOADER TRASLATION SLOW RUN FORWARD
=LOADER+MCB24/271.8	-08	-261A1	9		41	+PB-271S8		LOADER TRASLATION SLOW RUN BACKWARD
=LOADER+MCB24/272.2	-02	-261A1	13		42	+BRD-272S2	14	LOADER BOBBINS UP L. SW.
=LOADER+MCB24/272.3	-03	-261A1	14		43	+BRD-272S3	14	LOADER BOBBINS DOWN L. SW.
=LOADER+MCB24/272.4	-04	-261A1	15		44	+BRD-272B4		LOADER BOBBINS SLOW RUN SENSOR
=LOADER+MCB24/272.5	-05	-261A1	16		45	+BRD-272B5		PRESENCE OF BOBBINS ON LOADER
=LOADER+MCB24/272.6	-06	-261A1	17		46	+BRD-272B6		PRESENCE OF BOBBINS UNDER LOADER
=LOADER+MCB24/272.7	-07	-261A1	18		47	+BRD-272S7	14	LOADER IN STAND BY L. SW.
=LOADER+MCB24/272.8	-08	-261A1	19		48	+BRD-272S8	14	LOADER BOBBIN AT REST BACK L.SW.
=LOADER+MCB24/274.1	-01	-261A2	2		49	+PB-274S1		LOADER BOBBINS LIFTING P.B
=LOADER+MCB24/274.2	-02	-261A2	3		50	+PB-274S2		LOADER BOBBINS LOWERING P.B
=LOADER+MCB24/274.3	-03	-261A2	4		51	+PB-274S3	4	ALARMS RESET
=LOADER+MCB24/274.5	-05	-261A2	6		52	+BRD-274B5		LOADER IN POSIT. ENABLED TO LOAD
=LOADER+MCB24/274.6	-06	-261A2	7		53	+BRD-274B6		LOADER IN POSIT. ENABLED TO UNLOAD
=LOADER+MCB24/274.7	-07	-261A2	8		54			SPARE
=LOADER+MCB24/274.8	-08	-261A2	9		55			=
=LOADER+MCB24/283.1	-01	-261A3	2		56	+PB-283H1	X1	LOADER GENERAL FAULT
=LOADER+MCB24/283.2	-02	-261A3	3		57	+PB-274S3	X1	ALARMS RESET
=LOADER+MCB24/241.1		-241Q1	2		L1	+MCB-LOAD24	L1	GENERAL CIRCUIT BREAKERS
=LOADER+MCB24/241.1		-241Q1	4		L2	+MCB-LOAD24	L2	=
=LOADER+MCB24/241.1		-241Q1	6		L3	+MCB-LOAD24	L3	=
=LOADER+MCB24/241.1		-PE		PE		+MCB-LOAD24	L3/PE	=

0	1	2	3	4	5	6	7	8	9
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**DISTINTA MATERIALI**

**Part List**

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB24-CARP	=LOADER+MCB24/241.0	AP2620.500	BASAMEN 1200X670X400 R7035 IP55	PZ	1	RITTAL	RITAP2620500
+MCB24-CARP	=LOADER+MCB24/241.0	AP2645.500	TETTO 1200X395X28 R7035 XAP2620	PZ	1	RITTAL	RITAP2645500
+MCB24-241Q1	=LOADER+MCB24/241.1	3LD2244-0TK51	SEZIONAT.PRINC- BK 3P 32A 690V+CAL	PZ	1	SIEMENS	SMS3LD22440TK51
+MCB24-241Q1	=LOADER+MCB24/241.1	3LD9221-0A	CALOTTE COPRIMORS. 3P X 3LD2 25-32A	PZ	1	SIEMENS	SMS3LD92210A
+MCB24-241Q2	=LOADER+MCB24/241.3	5SY6102-7	AUTO MOD 1P 2A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61027BB
+MCB24-241H1	=LOADER+MCB24/241.4	3SB3501-6AA70	GEMMA ROT CL TRASP+BASE MET	PZ	1	SIEMENS	SMS3SB35016AA70
+MCB24-241H1	=LOADER+MCB24/241.4	3SB3400-3C	TRASFO 240/24VFU X3SB3400-1A PROF95	PZ	1	SIEMENS	SMS3SB34003C
+MCB24-241H1	=LOADER+MCB24/241.4	SITHF01W+P.TARGH	TARGH 27X15 BKWH + PORT.TARG.22,5	PZ	1	GRAFOPLAST	GRPSITHF01W\$A
+MCB24-241H1	=LOADER+MCB24/241.4	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+MCB24-241Q3	=LOADER+MCB24/241.6	5SY6104-7	AUTO MOD 1P 4A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61047BB
+MCB24-242S1	=LOADER+MCB24/242.1	3SB3500-1HA20	FUNGO+BASE MET. RDROSSO D40 SB.ROT	PZ	1	SIEMENS	SMS3SB35001HA20
+MCB24-242S1	=LOADER+MCB24/242.1	3SB3400-0C	CONTATTO 1X 1C -> 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000C
+MCB24-242S1	=LOADER+MCB24/242.1	3SB3921-0AB	TARGA ADES YE D80 " NEUTRA "	PZ	1	SIEMENS	SMS3SB39210AB
+MCB24-242S2	=LOADER+MCB24/242.1	3SB3501-0AA71	PULSANTE TRASPAR. PIATTO LUM.+B.MET	PZ	1	SIEMENS	SMS3SB35010AA71
+MCB24-242S2	=LOADER+MCB24/242.1	3SB3400-0B	CONTATTO 1X1A 400V 10AAC12 3A	PZ	1	SIEMENS	SMS3SB34000B
+MCB24-242S2	=LOADER+MCB24/242.1	3SB3400-1A	PORTALAMPADA =<230V PROF50	PZ	1	SIEMENS	SMS3SB34001A
+MCB24-242K1	=LOADER+MCB24/242.1	3RT1015-1BB41	CONTAT.S00 3 KW3X400VAC3 1L+0R 24V	PZ	1	SIEMENS	SMS3RT10151BB41
+MCB24-242K1	=LOADER+MCB24/242.1	3RT1916-1EH00	DIODO+ZENER12-250VDC X3RT..1-3RH11	PZ	1	SIEMENS	SMS3RT19161EH00
+MCB24-244Q1	=LOADER+MCB24/244.1	3RV1011-0HA10	PROTET 0,55-0,8 A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10110HA10
+MCB24-244Q1	=LOADER+MCB24/244.1	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E
+MCB24-244Q2	=LOADER+MCB24/244.3	3RV1011-0GA10	PROTET 0,45-0,63A ICU100KA400V S00	PZ	1	SIEMENS	SMS3RV10110GA10
+MCB24-244Q2	=LOADER+MCB24/244.3	3RV1901-1E	CONTAT AUX FRONT 1+1 3A230V XS00-S3	PZ	1	SIEMENS	SMS3RV19011E
+MCB24-245Q1	=LOADER+MCB24/245.1	5SY6101-7	AUTO MOD 1P 1A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61017BB
+MCB24-245Q1	=LOADER+MCB24/245.1	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB24-245E1	=LOADER+MCB24/245.1	SK3322.107	VENTIL 59/66MCH 230ACFU19W148Q IP43	PZ	1	RITTAL	RITSK3322107
+MCB24-245E1	=LOADER+MCB24/245.1	SK3322.207	FILTRO 148Q IP43 FORO 125Q	PZ	1	RITTAL	RITSK3322207
+MCB24-246Q1	=LOADER+MCB24/246.0	5SY6101-7	AUTO MOD 1P 1A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61017BB
+MCB24-246Q1	=LOADER+MCB24/246.0	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB24-246Q2	=LOADER+MCB24/246.2	5SY6101-7	AUTO MOD 1P 1A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61017BB
+MCB24-246Q2	=LOADER+MCB24/246.2	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB24-246Q3	=LOADER+MCB24/246.4	5SY6101-7	AUTO MOD 1P 1A-C 400VAC 6KAICN L18	PZ	1	SIEMENS	SMS5SY61017BB
+MCB24-246Q3	=LOADER+MCB24/246.4	5ST3010	CONTATTO AUS 1A+1C X5SY	PZ	1	SIEMENS	SMS5ST3010
+MCB24-251G1	=LOADER+MCB24/251.1						890SD/5/0003B
+MCB24-251F2	=LOADER+MCB24/251.1	3RU1116-1BB0	TERMICO 1.4 - 2 A 1+1 S00	PZ	1	SIEMENS	SMS3RU11161BB0
+MCB24-251F2	=LOADER+MCB24/251.1	3RU1916-3AA01	SUP.MONT.SEP.X RELE TER.S00-3RU1116	PZ	1	SIEMENS	SMS3RU19163AA01

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Revisione	Data	Nome	NORME	IEC-CEI					1250 Segue

**DISTINTA MATERIALI**  
**Part List**

IDENTIFIC. MATERIALE Item Designation =Plant+Location+IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB24-251F1	=LOADER+MCB24/251.1	3NC1006	FUSE 10X38 6A AR 600V I2T= 30	PZ	3	SIEMENS	SMS3NC1006
+MCB24-251F1	=LOADER+MCB24/251.1	3NW7033	PORTAFUSE SEZ10X38 3P AC20 25A AC	PZ	1	SIEMENS	SMS3NW7033
+MCB24-251F3	=LOADER+MCB24/251.3	3RU1116-1BB0	TERMICO 1.4 - 2 A 1+1 S00	PZ	1	SIEMENS	SMS3RU11161BB0
+MCB24-251F3	=LOADER+MCB24/251.3	3RU1916-3AA01	SUP.MONT.SEP.X RELE TER.S00-3RU1116	PZ	1	SIEMENS	SMS3RU19163AA01
+MCB24-252G1	=LOADER+MCB24/252.1				1		890SD/5/0010B
+MCB24-252F1	=LOADER+MCB24/252.1	3NC1020	FUSE 10X38 20A AR 600V I2T= 260	PZ	3	SIEMENS	SMS3NC1020
+MCB24-252F1	=LOADER+MCB24/252.1	3NW7033	PORTAFUSE SEZ10X38 3P AC20 25A AC	PZ	1	SIEMENS	SMS3NW7033
+MCB24-253G1	=LOADER+MCB24/253.1				1		890SD/5/0016B
+MCB24-253F1	=LOADER+MCB24/253.1	3NC1020	FUSE 10X38 20A AR 600V I2T= 260	PZ	3	SIEMENS	SMS3NC1020
+MCB24-253F1	=LOADER+MCB24/253.1	3NW7033	PORTAFUSE SEZ10X38 3P AC20 25A AC	PZ	1	SIEMENS	SMS3NW7033
+MCB24-255K1	=LOADER+MCB24/255.1	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB24-255K1	=LOADER+MCB24/255.1	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB24-255K1	=LOADER+MCB24/255.1	3RA1913-2A	KIT TELEINVERT 2X3RT..1 S00	PZ	1	SIEMENS	SMS3RA19132A
+MCB24-255K2	=LOADER+MCB24/255.2	3RT1016-1AP02	CONTAT.S00 4 KW3X400VAC3 0L+1R 230	PZ	1	SIEMENS	SMS3RT10161AP02
+MCB24-255K2	=LOADER+MCB24/255.2	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB24-255K3	=LOADER+MCB24/255.3	3RT1016-1AP01	CONTAT.S00 4 KW3X400VAC3 1L+0R 230	PZ	1	SIEMENS	SMS3RT10161AP01
+MCB24-255K3	=LOADER+MCB24/255.3	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB24-255K4	=LOADER+MCB24/255.4	3RT1016-1AP01	CONTAT.S00 4 KW3X400VAC3 1L+0R 230	PZ	1	SIEMENS	SMS3RT10161AP01
+MCB24-255K4	=LOADER+MCB24/255.4	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB24-255K5	=LOADER+MCB24/255.5	3RT1016-1AP01	CONTAT.S00 4 KW3X400VAC3 1L+0R 230	PZ	1	SIEMENS	SMS3RT10161AP01
+MCB24-255K5	=LOADER+MCB24/255.5	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB24-255K6	=LOADER+MCB24/255.5	3RT1016-1AP01	CONTAT.S00 4 KW3X400VAC3 1L+0R 230	PZ	1	SIEMENS	SMS3RT10161AP01
+MCB24-255K6	=LOADER+MCB24/255.5	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB24-255K7	=LOADER+MCB24/255.6	3RT1016-1AP01	CONTAT.S00 4 KW3X400VAC3 1L+0R 230	PZ	1	SIEMENS	SMS3RT10161AP01
+MCB24-255K7	=LOADER+MCB24/255.6	3RT1916-1CD00	RC 127-240VAC 150-250VDC -S00/RH11	PZ	1	SIEMENS	SMS3RT19161CD00
+MCB24-261A1	=LOADER+MCB24/261.1	6ES7390-1AE800AA0	GUIDA PROFILATA XS7300 L482 (19")	PZ	1	SIEMENS	SMS6ES73901AE80
+MCB24-261A1	=LOADER+MCB24/261.1	6ES7313-5BE010AB0	CPU 313C 24DI 16DO 4AI 2AO 32K	PZ	1	SIEMENS	SMS6ES73135BE01
+MCB24-261A1	=LOADER+MCB24/261.1	6ES7953-8LF110AA0	M.MEMORY CARD MMC XS7 CPU 31. 64KB	PZ	1	SIEMENS	SMS6ES79538LF11
+MCB24-261A1	=LOADER+MCB24/261.1	6ES7392-1AM000AA0	CONNET FRONT VITE 40POLI XS7300	PZ	2	SIEMENS	SMS6ES73921AM00
+MCB24-261A2	=LOADER+MCB24/261.4	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+MCB24-261A2	=LOADER+MCB24/261.4	6ES7392-1AJ000AA0	CONNET FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+MCB24-261A3	=LOADER+MCB24/261.5	6ES7321-1BH020AA0	INP 16DI 24DC SEP SM321 XS7-300	PZ	1	SIEMENS	SMS6ES73211BH00
+MCB24-261A3	=LOADER+MCB24/261.5	6ES7392-1AJ000AA0	CONNET FRONT VITE 20POLI XS7300	PZ	1	SIEMENS	SMS6ES73921AJ00
+MCB24-281K1	=LOADER+MCB24/281.1	2966171-PLC-RSC	RELé 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB24-281K2	=LOADER+MCB24/281.2	2966171-PLC-RSC	RELé 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171

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Revisione	Data	Nome	NORME	IEC-CEI					1251 Segue

# DISTINTA MATERIALI

## Part List

IDENTIFIC. MATERIALE Item Designation =Plant+Location-IDe	MONTANTE Path	RIF. CATALOGO Part Number	DESCRIZIONE Technical Data	UM Um	Q.TA' Q.ty	COSTRUTTORE Make By	COD. ARTICOLO Item Code
+MCB24-281K7	=LOADER+MCB24/281.7	MY4IN1-D2-24VDC	RELE' 4S 5A/250VAC LED+P.PROVA+DIOD	PZ	1	OMRON	OMRMY4IN1D224VD
+MCB24-281K7	=LOADER+MCB24/281.7	PYF14A-N	ZOCCHIO TERMINALE A VITE	PZ	1	OMRON	OMRPYF14AE
+MCB24-281K8	=LOADER+MCB24/281.8	MY4IN1-D2-24VDC	RELE' 4S 5A/250VAC LED+P.PROVA+DIOD	PZ	1	OMRON	OMRMY4IN1D224VD
+MCB24-281K8	=LOADER+MCB24/281.8	PYF14A-N	ZOCCHIO TERMINALE A VITE	PZ	1	OMRON	OMRPYF14AE
+MCB24-282K1	=LOADER+MCB24/282.1	2966171-PLC-RSC	RELé 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB24-282K6	=LOADER+MCB24/282.6	MY4IN1-D2-24VDC	RELE' 4S 5A/250VAC LED+P.PROVA+DIOD	PZ	1	OMRON	OMRMY4IN1D224VD
+MCB24-282K6	=LOADER+MCB24/282.6	PYF14A-N	ZOCCHIO TERMINALE A VITE	PZ	1	OMRON	OMRPYF14AE
+MCB24-282K7	=LOADER+MCB24/282.7	2966171-PLC-RSC	RELé 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171
+MCB24-282K8	=LOADER+MCB24/282.8	2966171-PLC-RSC	RELé 24VDC 1S ITH6A250VCA DIN S6,2	PZ	1	PHOENIX	PHOPLCRS2966171

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									FOGLIO 1252
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