Macchina : **MS235**

Maquina:

Matricola : **S4220003**

Matricula n°:

	SCHEMA ESQUEMA ES4220003
TENSIONE NOMINALE TENSIÓN NOMINAL	3 x 220V + N + PE
FREQUENZA FRECUENCIA	60Hz
CORRENTE A PIENO CARICO CORRIENTE A PLENA CARGA	33A
POTERE DI INTERRUZIONE PODER DE INTERRUPCIÓN	6kA
TENSIONE COMANDI TENSIÓN MANDOS	24V DC

POTENZA INSTALLATA POTENCIA INSTALADA	11kW
PROGRAMMA PLC PROGRAMA PLC	S4220003

Posizione Schema: ES4220003.sch
Posicion esquema

Versione: 1.0
Version

N°Pagine: 1 / 97
N° paginas

Schmucker
MARCHESINI
GROUP

NOME PAGINA NAME PAGINA	DESCRIZIONE DENOMINACION	REVISIONI REVISION 1	2	3	4	5	6	7	8	9	10	NUMERO PAGINA NUMERO PAGINA
0–DATIM–E	DATI MACCHINA DATOS MAQUINA	1.0										1 / 95
0–INREV.1	INDICE INDICE	1.0										2 / 95
0–INREV.2	INDICE INDICE	1.0										3 / 95
0–INREV.3	INDICE INDICE	1.0										4 / 95
0–TAV1–001	LEGENDA DISPOSITIVI IMPIANTI ELETTRICI LISTA DE LOS INSTALACION ELECTRICAS	1.0										5 / 95
0–TAV2–001	GUIDA GRAFICA ALLA CONSULTAZIONE DELLO SCHEMA GUIA GRAFICA PARA CONSULTAR EL ESQUEMA	1.0										6 / 95
0–TAV3–001	GUIDA GRAFICA PER ORDINAZIONE PARTI DI RICAMBIO GUÍA GRÁFICA PARA SOLICITAR PIEZAS DE RECAMBIO	1.0										7 / 95
1	ALIMENTAZIONE GENERALE ALIMENTACION GENERAL	1.0										8 / 95
2	ALIMENTAZIONE DI SERVIZIO ALIMENTACION DE SERVICIO	1.0										9 / 95
4	ALIMENTAZIONE 24V DC ALIMENTACION 24V DC	1.0										10 / 95
6	COLLEGAMENTI MORSETTIERE COLIGAMIENTO CAJA DE BORNES	1.0										11 / 95
7	EMERGENZE EMERGENCIAS	1.0										12 / 95
8	CARTER BUSTINATRICE CARTER MÁQUINA ENSOBRADORA	1.0										13 / 95
10	CARTER MACCHINA/CIRCUITI DI SICUREZZA CARTER MAQUINA/CIRCUITOS DE SEGURIDAD	1.0										14 / 95
12	ALIMENTAZIONE SCHEDE ALIMENTACION FICHASS	1.0										15 / 95
13	INTERFACCIA OPERATORE INTERFACE OPERADOR	1.0										16 / 95
15	ALIMENTAZIONE DISPLAY ALIMENTACION PANTALLA	1.0										17 / 95
16	SEGNALAZIONI LUMINOSE SEÑALES LUMINOSOS	1.0										18 / 95
18	SICUREZZA SEGURIDAD	1.0										19 / 95

NOME PAGINA NAME PAGINA	DESCRIZIONE DENOMINACION	REVISIONI REVISION 1	2	3	4	5	6	7	8	9	10	NUMERO PAGINA NUMERO PAGINA
19	CONTROLLO RESISTENZE DESTRA E SINISTRA CONTROL RESISTENCIAS DERECHAIZQUIERDA	1.0										20 / 95
19A	CONTROLLO RESISTENZE DESTRA E SINISTRA CONTROL RESISTENCIAS DERECHAIZQUIERDA	1.0										21 / 95
22	ALIMENTAZIONE SERVOAZIONAMENTI ALIMENTACION SERVOACCIONAMIENTO	1.0										22 / 95
24	ALIMENTAZIONE MOTORI ALIMENTACION MOTORES	1.0										23 / 95
25	MOTORE MACCHINA MOTOR MAQUINA	1.0										24 / 95
29	MOTORE SVOLGITURA CARTA MOTOR DESENVOLVIMIENTO PAPEL	1.0										25 / 95
30	MOTORE TRASCINAMENTO CARTA MOTOR ARRASTRE PAPEL	1.0										26 / 95
31	CENTRATURA BOBINA CENTRADO BOBINA	1.0										27 / 95
32	MOTORE TAGLIO CARTA MOTOR CORTE PAPEL	1.0										28 / 95
34	COMANDO CARICAMENTO PRODOTTO 1 MANDO CARGAMENTO PRODUCTO 1	1.0										29 / 95
34A	COMANDO CARICAMENTO PRODOTTO 2 MANDO CARGAMENTO PRODUCTO 2	1.0										30 / 95
35	CARICAMENTO PRODOTTO 1 CARGAMENTO PRODUCTO 1	1.0										31 / 95
35A	CARICAMENTO PRODOTTO 2 CARGAMENTO PRODUCTO 2	1.0										32 / 95
37	MOTORE VIBRATORE MOTOR VIBRADOR	1.0										33 / 95
40	CHIUSURA PIASTRE SALDANTI CIERRE PLANCHAS SOLDANTES	1.0										34 / 95
41	RISCALDAMENTO PIASTRE RECALENTAMIENTO PLANCHAS	1.0										35 / 95
42	SALDATURA BUSTE SOLDADURA DE LAS BOLSITAS	1.0										36 / 95
43	PINZE PRELEVAMENTO BUSTE PINZA RETIRO BOLSITAS	1.0										37 / 95
44	RISCALDAMENTO PIASTRE RECALENTAMIENTO PLANCHAS	1.0										38 / 95

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NOME PAGINA NAME PAGINA	DESCRIZIONE DENOMINACION	REVISIONI REVISION 1	2	3	4	5	6	7	8	9	10	NUMERO PAGINA NUMERO PAGINA
52	CONTROLLO SCARTO CONTROL EXPULSION	1.0										39 / 95
96A	MOTORE TRASPORTO BUSTE MOTOR TRANSPORTE BOLSITAS	1.0										40 / 95
A01	INGRESSI PLC NON UTILIZZATI INGRESOS PLC NON UTILIZADOS	1.0										41 / 95
A02	USCITE PLC NON UTILIZZATE SALIDAS PLC NON UTILIZADAS	1.0										42 / 95
B00	DISPOSIZIONE COMPONENTI ARMADIO ELETTRICO DISPOSICION DE COMPONENTES ARMARIO ELECTRICO	1.0										43 / 95
B01	DISPOSIZIONE COMPONENTI EMERGENZE/CARTER/MORSETTIERE DISPOSICION COMPONENTES EMERGENCIAS/CARTERES/CAJA DE BORNES	1.0										44 / 95
B02	DISPOSIZIONE COMPONENTI DI INGRESSO DISPOSICION COMPONENTES DE INGRESO	1.0										45 / 95
B03	DISPOSIZIONE COMPONENTI DI USCITA DISPOSICION COMPONENTES DE SALIDA	1.0										46 / 95
B04	DISPOSIZIONE COMPONENTI DISPLAY DISPOSICION COMPONENTES DISPLAY	1.0										47 / 95
P01-001	SCHEDA PLC FICHA PLC	1.0										48 / 95
P02-001	SCHEDA PLC FICHA PLC	1.0										49 / 95
P03-001	SCHEDA PLC FICHA PLC	1.0										50 / 95
P04-001	SCHEDA PLC FICHA PLC	1.0										51 / 95
P05-001	SCHEDA PLC FICHA PLC	1.0										52 / 95
P06-001	SCHEDA PLC FICHA PLC	1.0										53 / 95
P07-001	SCHEDA PLC FICHA PLC	1.0										54 / 95
P08-001	SCHEDA PLC FICHA PLC	1.0										55 / 95
X0-001	MORSETTIERA DI LINEA CAJA DE BORNES DE LINEA	1.0										56 / 95
X01-001	MORSETTIERA DI POTENZA QUADRO ELETTRICO CAJA DE BORNES DE POTENCIA CUADRO ELECTRICO	1.0										57 / 95

NOME PAGINA NAME PAGINA	DESCRIZIONE DENOMINACION	REVISIONI REVISION 1	2	3	4	5	6	7	8	9	10	NUMERO PAGINA NUMERO PAGINA
X01-002	MORSETTIERA DI POTENZA QUADRO ELETTRICO CAJA DE BORNES DE POTENCIA CUADRO ELECTRICO	1.0										58 / 95
X02-001	BARRA DI TERRA BARRA DE TIERRA	1.0										59 / 95
X04-001	MORSETTIERA AZIONAMENTI CAJA DE BORNES ACCIONAMENTOS	1.0										60 / 95
X06-001	MORSETTIERA QUADRO ELETTRICO SEGNALI CAJA DE BORNES CUADRO ELECTRICO SEÑALS	1.0										61 / 95
X06-002	MORSETTIERA QUADRO ELETTRICO SEGNALI CAJA DE BORNES CUADRO ELECTRICO SEÑALS	1.0										62 / 95
X07-001	BARRA DI TERRA INVERTER BARRA DE TIERRA INVERTER	1.0										63 / 95
X08-001	BARRA DI TERRA QUADRO ELETTRICO BARRA DE TIERRA CUADRO ELECTRICO	1.0										64 / 95
X15-001	MORSETTIERA INVERTER CAJA DE BORNES INVERTER	1.0										65 / 95
X31-001	CONNETTORE CENTRATURA BOBINA CONECTOR CENTRADO BOBINA											66 / 95
X40-001	CONNETTORE MARCIA AD IMPULSI CONECTOR MANDO DE IMPULSOS	1.0										67 / 95
X41-001	CONNETTORE CONTROLLO RESISTENZE CONECTOR CONTROL RESISTENCIA	1.0										68 / 95
X42-001	CONNETTORE CONTROLLO RESISTENZE CONECTOR CONTROL RESISTENCIA	1.0										69 / 95
X43-001	CONNETTORE CARICAMENTO PRODOTTO CONECTOR CARGAMENTO PRODUCTO	1.0										70 / 95
X44-001	CONNETTORE CARICO MINIMO CONECTOR CARGA MINIMA	1.0										71 / 95
X45-001	CONNETTORE CARICO MASSIMO CONECTOR CARGA MAXIMA	1.0										72 / 95
X46-001	CONNETTORE CARICAMENTO PRODOTTO CONECTOR CARGAMENTO PRODUCTO	1.0										73 / 95
X47-001	CONNETTORE CARICO MINIMO PRODOTTO CONECTOR CARGA MINIMA PRODUCTO	1.0										74 / 95
X48-001	CONNETTORE CARICO MASSIMO PRODOTTO CONECTOR CARGA MAXIMA PRODUCTO	1.0										75 / 95
X49-001	CONNETTORE VIBRATORE CONECTOR VIBRADOR	1.0										76 / 95

NOME PAGINA NAME PAGINA	DESCRIZIONE DENOMINACION	REVISIONI REVISION 1	2	3	4	5	6	7	8	9	10	NUMERO PAGINA NUMERO PAGINA
X50-001	CONNETTORE CENTRATURA BOBINA CONECTOR CENTRADO BOBINA	1.0										77 / 95
X51-001	CONNETTORE CONECTOR	1.0										78 / 95
X52-001	CONNETTORE SALDATURA CONECTOR SOLDADURA	1.0										79 / 95
X53-001	CONNETTORE DOSATORE CONECTOR AREGLADOR DE LAS DOSIS											80 / 95
Y-FA000	MESSA IN FASE MACCHINA SINCRONIZACION MAQUINA	1.0										81 / 95
Y-FA001	FASI MACCHINA FASE MAQUINA	1.0										82 / 95
Y-FA100	DESCRIZIONE FASI GRUPPO DENOMINACION FASES GRUPO	1.0										83 / 95
Y-FA101	FASI GRUPPO FASES GRUPO	1.0										84 / 95
Y-ILZ04	IMPOSTAZIONE INVERTER PLANTEAMIENTO INVERTER	1.0										85 / 95
Z-ZDIST.1	DISTINTA MATERIALI LISTA DE LOS MATERIAL	1.0										86 / 95
Z-ZDIST.2	DISTINTA MATERIALI LISTA DE LOS MATERIAL	1.0										87 / 95
Z-ZDIST.3	DISTINTA MATERIALI LISTA DE LOS MATERIAL	1.0										88 / 95
Z-ZDIST.4	DISTINTA MATERIALI LISTA DE LOS MATERIAL	1.0										89 / 95
Z-ZDIST.5	DISTINTA MATERIALI LISTA DE LOS MATERIAL	1.0										90 / 95
Z-ZDIST.6	DISTINTA MATERIALI LISTA DE LOS MATERIAL	1.0										91 / 95
Z-ZDIST.7	DISTINTA MATERIALI LISTA DE LOS MATERIAL	1.0										92 / 95
Z-ZDIST.8	DISTINTA MATERIALI LISTA DE LOS MATERIAL	1.0										93 / 95
Z-ZDIST.9	DISTINTA MATERIALI LISTA DE LOS MATERIAL	1.0										94 / 95
Z-ZDIST.10	DISTINTA MATERIALI LISTA DE LOS MATERIAL	1.0										95 / 95

NOME PAGINA NAME PAGINA	DESCRIZIONE DENOMINACION	REVISIONI REVISION 1	2	3	4	5	6	7	8	9	10	NUMERO PAGINA NUMERO PAGINA

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SIMBOLO SIMBOLO	CODICE CODIGO	DENOMINAZIONE DENOMINACION	SIMBOLO SIMBOLO	CODICE CODIGO	DENOMINAZIONE DENOMINACION	SIMBOLO SIMBOLO	CODICE CODIGO	DENOMINAZIONE DENOMINACION
	A	OPTOISOLATORE OPTOISOLADOR		K	RELE' RELE		S	SELETTORE A CHIAVE 2–3 POSIZIONI SELECTOR A LLAVE 2-3 POSICIONES
	A	AMPLIFICATORE AMPLIFICADOR		K	TEMPORIZZATORE TEMPORIZADOR		S	SELETTORE A LEVA 2 POSIZIONI CON MOLLA SELECT.A PALANCA 2 POS. CON REGRESO
	B	SENSORE DETECTOR		KM	CONTATTORE CONTACTOR		S	SELETTORE A CHIAVE 2 POSIZIONI CON MOLLA SELECTOR A LLAVE 2 POS. CON REGRESO
	B	FOTOCELLULA CELULA FOTOELECTRICA		K KM	CONTATTO APERTO E CHIUSO CONTACTOS ABIERTO Y CERRADO		S	MICROINTERRUTTORE MICROINTERRUPTOR
	B	FOTOCELLULA A SPECCHIO CELULA FOTOELECTRICA A ESPEJO		K	CONTATTO APERTO RITARDATO IN ECCITTAZIONE CONTACTO ABIERTO RETARD. EN EXCITAC.		S	PRESSOSTATO PRESOSTATO
	B	FOTOCELLULA LASER FOTOCELULA LASER		K	CONTATTO CHIUSO RITARDATO IN DISECCITAZIONE CONTACTO CERRADO RETARD. EN DESEXC.		S	VUOTOSTATO VACUOSTAT
	B	ENCODER ENCODER		M	MOTORE DC MOTOR DC		S	FINECORSA MAGNETICO FIN CORSA MAGNETICO
	B	TERMOCOPPIA ONDA A PARO TERMICO		M	MOTORE AC MOTOR AC		T	TRASFORMATORE TRANSFORMADOR
	C	CONDENSATORE CONDENSADOR		Q	INTERRUTTORE GENERALE INTERRUPTOR GENERAL		V	DIODO DIODO
	F	FUSIBILE FUSIBLE		QF	INTERRUTTORE MAGNETOTERMICO INTERRUPTOR MAGNETOTERMICO		V	DIODO ZENER DIODO ZENER
	F	RELE' TERMICO RELE TERMICO		QF	CONTATTI MAGNETOTERMICO CONTACTOS MAGNETOTERMICO		V	PONTE RADDRIZZATORE PUENTE CORRIGADOR
	F	INTERRUTTORE AUTOMATICO INTERRUPTOR AUTOMATICO		R	RESISTENZA RESISTENCIA		X	MORSETTO BORNE
	F	INTERRUTTORE AUTOMATICO DIFFERENZIALE INTERRUPTOR AUTOMATICO DIFFERENCIAL		R	RESISTENZA DI RISCALDAMENTO RESISTENCIA DE RECALIENTAM.		X	CONNETTORE CONECTOR
	G	ALIMENTATORE ALIMENTADOR		R	POTENZIOMETRO POTENCIOMETRO		X	PRESA TOMA
	H	LAMPADA LAMPARA		R	VARISTORE VARISTOR		Y	ELETTROVALVOLA ELECTROVALVULA
	H	LED+RESISTENZA LED+RESISTENCIA		S	PULSANTE APERTO E CHIUSO PULSANTE ABIERTO Y CERRADO		Y	ELETTROMAGNETE ELECTRO-IMAN
	H	PULSANTE LUMINOSO PULSADOR ILUMINADO		S	PULSANTE D'EMERGENZA PULSANTE D'EMERGENCIA		Y	FRENO FRIZIONE FRENO-EMBRAGUE
	H	SEGNALATORE ACUSTICO SIRENA DE ALARMA		S	SELETTORE A LEVA 2–3 POSIZIONI SELECTOR A PALANCA 2-3 POSICIONES		Z	FILTRO DI RETE FILTRO DE RED

Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE 0–TAV2–001
	CHD BY M.Bradamante	DESCRIPTION LEGENDA DISPOSITIVI IMPIANTI ELETTRICI LISTA DE LOS INSTALACION ELECTRICAS	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 0–TAV1–001
	DATE 30/03/2023				TOTAL PAGES 5/97

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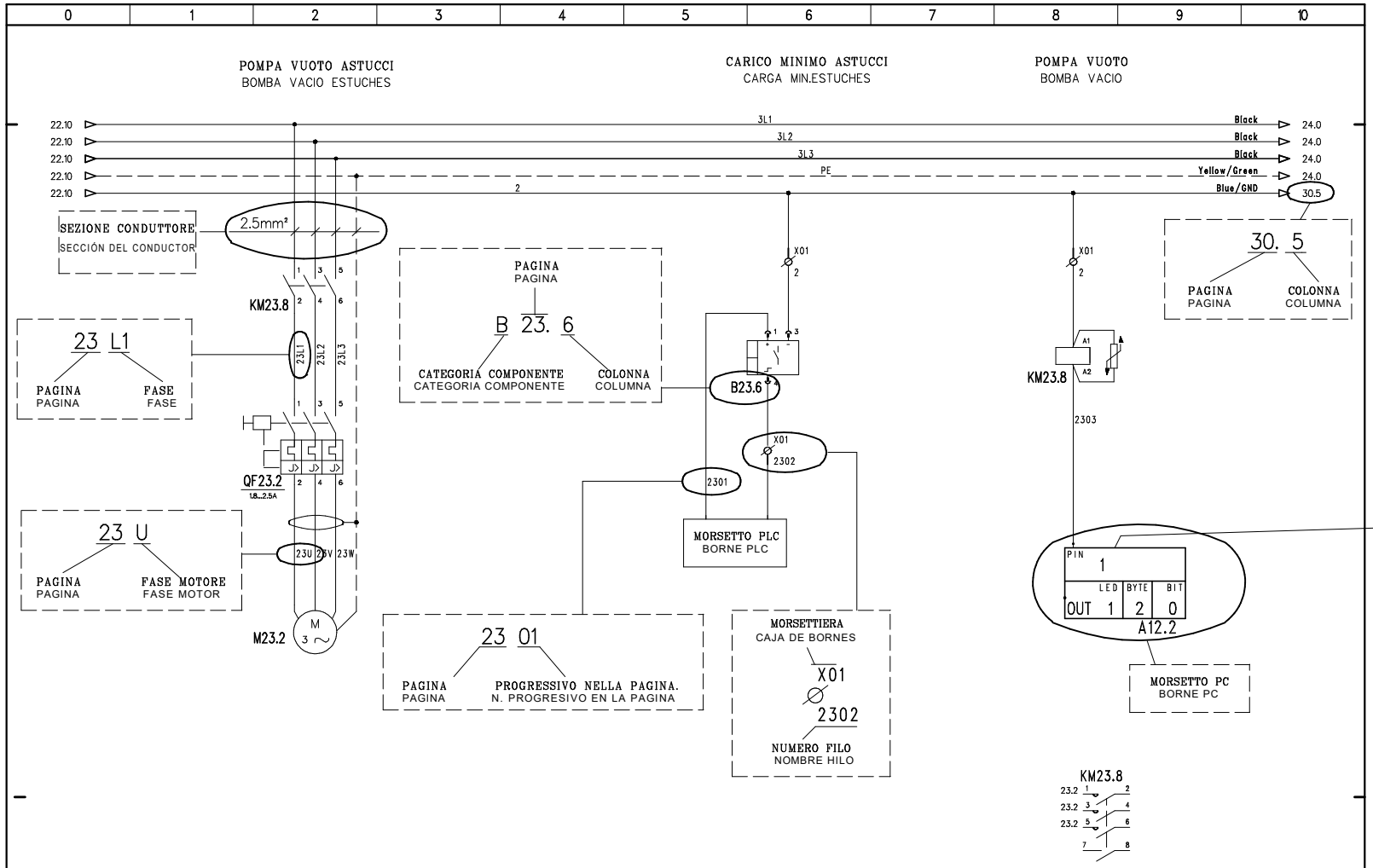

DISEGNATORE
DIBUJANTE

DATA
FECHA

TIPO MACCHINA
TIPO MAQUINA

MARCHESINI -GROUP-	DRAWN BY G.Giordani	MACHINE TYPE CARTOPALLETTIZZATORE PALETIZADOR PARA ENCARTONADORA		NEXT PAGE 26	PAGINA SUCCESSIVA PAGINA SIGUIENTE
	CHD BY G.Musiani	DESCRIPTION ENTRATA ASTUCCI ENTRADA ESTUCHES	DIAGRAM POSITION E8296072.sch	PAGE 23	PAGINA SCHEMA PAGINA ESQUEMA
	DATE 13/12/96		DIAGRAM VERSION 1.0	TOTAL PAGES 26/30	

CONTROLLATO DA
CONTROLADO POR

DESCRIZIONE
DENOMINACION

POSIZIONE SCHEMA
POSICION ESQUEMA

VERSIONE
VERSION

NUMERO PAGINE TOTALI
NUMERO TOTAL DE PAGINA

Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE MÁQUINA ENSOBRADORA		NEXT PAGE 0-TAV3-001	
	CHD BY M.Bradamante	DESCRIPTION GUIDA GRAFICA ALLA CONSULTAZIONE DELLO SCHEMA GUIA GRAFICA PARA CONSULTAR EL ESQUEMA	DIAGRAM POSITION ES4220003.sch	PAGE 0-TAV2-001	
	DATE 30/03/2023		DIAGRAM VERSION 1.0	TOTAL PAGES 6/97	

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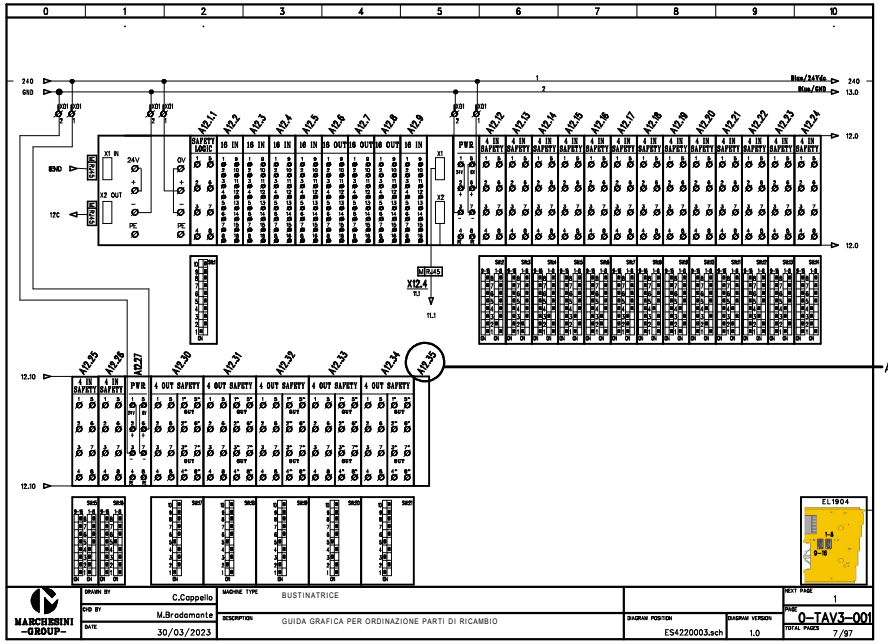
COMPONENTE DI SICUREZZA
COMPONENTE DE SEGURIDAD



SIGLA TAG	DENOMINAZIONE DESCRIPTION	MARCA MANUFACTURER	TIPO TYPE	CODICE CODE	NOTE NOTES	⚠	QTA' QUANTITY
A12.25	**MODULO 4 INGRESSI** 4 INPUTS MODULE	BECKHOFF	EL1904-0000	E500Z0703001		X	1
A12.26	**MODULO 4 INGRESSI** 4 INPUTS MODULE	BECKHOFF	EL1904-0000	E500Z0703001		X	1
A12.27	**MODULO ALIMENTATORE** FEEDER MODULE	BECKHOFF	EL9410-0000	E500Z0201000			1
A12.30	**MODULO 4 USCITE** 4 OUTPUTS MODULE	BECKHOFF	EL2904-0000	E500Z0704000		X	1
A12.31	**MODULO 4 USCITE** 4 OUTPUTS MODULE	BECKHOFF	EL2904-0000	E500Z0704000		X	1
A12.32	**MODULO 4 USCITE** 4 OUTPUTS MODULE	BECKHOFF	EL2904-0000	E500Z0704000		X	1
A12.33	**MODULO 4 USCITE** 4 OUTPUTS MODULE	BECKHOFF	EL2904-0000	E500Z0704000		X	1
A12.34	**MODULO 4 USCITE** 4 OUTPUTS MODULE	BECKHOFF	EL2904-0000	E500Z0704000		X	1
A12.35	**MODULO TERMINALE** TERMINAL MODULE	BECKHOFF	EL9011-0000	E500Z0208003			1
A15.4	**COMPUTER** COMPUTER	SIEMENS	SIMATIC IPC677D – 6AV7260-3DM22-0XX6	E093771221I			1
A15.4.2	**SCHEDA ETHERNET** ETHERNET CARD	TP-LINK	TG- 3468	E79628P000000			1
A25.5	**SCHEDA AZIONAMENTO** DRIVING CARD	PARKER – SBC	TWIN8+8NSE5 ETHERCAT	E79667262731			1
A41.7	**OPTOISOLATORE** OPTOISOLATOR	WEIDMULLER	MOS 24VDC/8-30VDC 2A ART.8937970000	E41029503004			1
A51.0	**LETTORE DI CODICE** CODE READER	SEA VISION	CODEBOX	E994820043			1
A71.1	**INVERTER** INVERTER	LENZE	E84 AVSCE 3712 SX0 1K230V 0.37KW	E79324F40230			1
	TASTIERA KEYBOARD	LENZE	EZAEBK1001	E79614F00002			1
A71.7	**RELE' STATICO** STATIC RELAY	MURR ELEKTRONIK	MRO TH 24VDC COD.52550	--			1
A75.5	**SCHEDA AZIONAMENTO** DRIVING CARD	PARKER – SBC	SLVD 5-NE5 ETHERCAT	E79667262231			1
A85.3	**MODULO** MODULE	PARKER – SBC	OP-ETCAT	E79657200001			1
A85.5	**SCHEDA AZIONAMENTO** DRIVING CARD	PARKER – SBC	SLVD 7-NE5 ETHERCAT	E79667262232			1
A86.3	**MODULO** MODULE	PARKER – SBC	OP-ETCAT	E79657200001			1
A86.5	**SCHEDA AZIONAMENTO** DRIVING CARD	PARKER – SBC	SLVD 1-NE5 ETHERCAT	E79667262230			1
A87.5	**SCHEDA AZIONAMENTO** DRIVING CARD	PARKER – SBC	SLVD 1-NE5 ETHERCAT	E79667262230			1
B18.2	**SENSORE** PROXIMITY	SELET	B60123P0C5	E86075212523			1
B18.4	**SENSORE** PROXIMITY	SELET	B60123P0C5	E86075212523			1

MARCHESINI GROUP
DRAWN BY L.Collina
CHD BY C.Torreggiani
DATE 15/07/2016
MACHINE TYPE ASTUCCIATRICE CARTONINGMACHINE
DESCRIPTION DISTINTA MATERIALI MATERIALLIST
DIAGRAM POSITION EM160011.sch
DIAGRAM VERSION 0.0
NEXT PAGE Z-ZDIST.3
PAGE Z-ZDIST.2
TOTAL PAGES 73/98

MATRICOLA-1-1

DOCUMENTAZIONE DI RIFERIMENTO / REFERENCE DOCUMENTATION
Supporto Per L'Utilizzatore/Uso Ands

1

33

Scheda Ordinazione Parti Di Ricambio

Spare Parts Order Sheet

Cliente: Customer:	IL NONE CLIENTE	Codice Manuale: Manual Code:	MATRICOLA, Vo 1, Ed 1
Modello Macchina: Machine Model:	MA 350	Manuale N°: Serial N°:	MATRICOLA

Always preceded or accompanied by customer order or confirmation

No. of

ILLUSTRATION. No.	PART CODE	QTY.	NOTES
A12.35	E500Z0208003		

E500Z0208003

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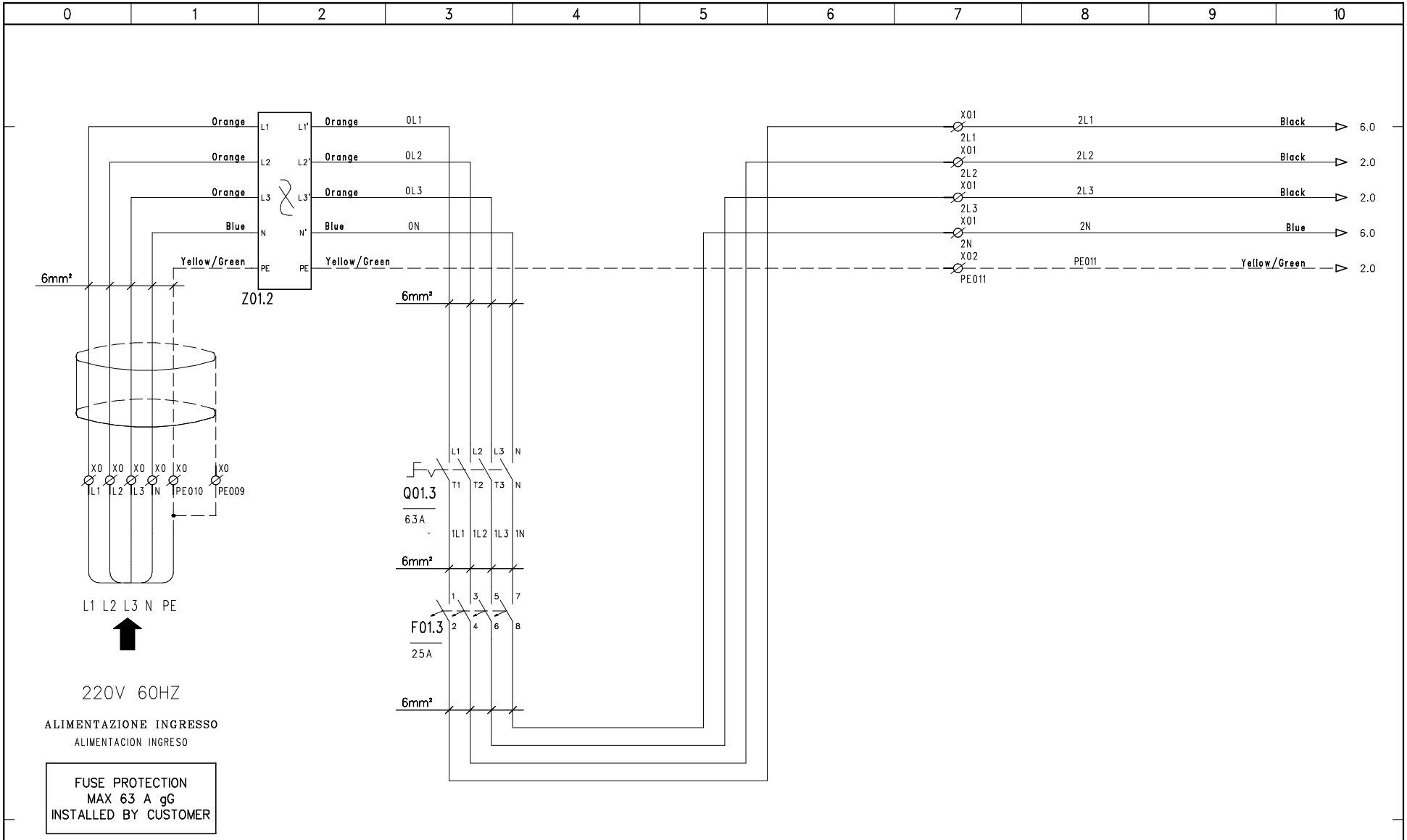
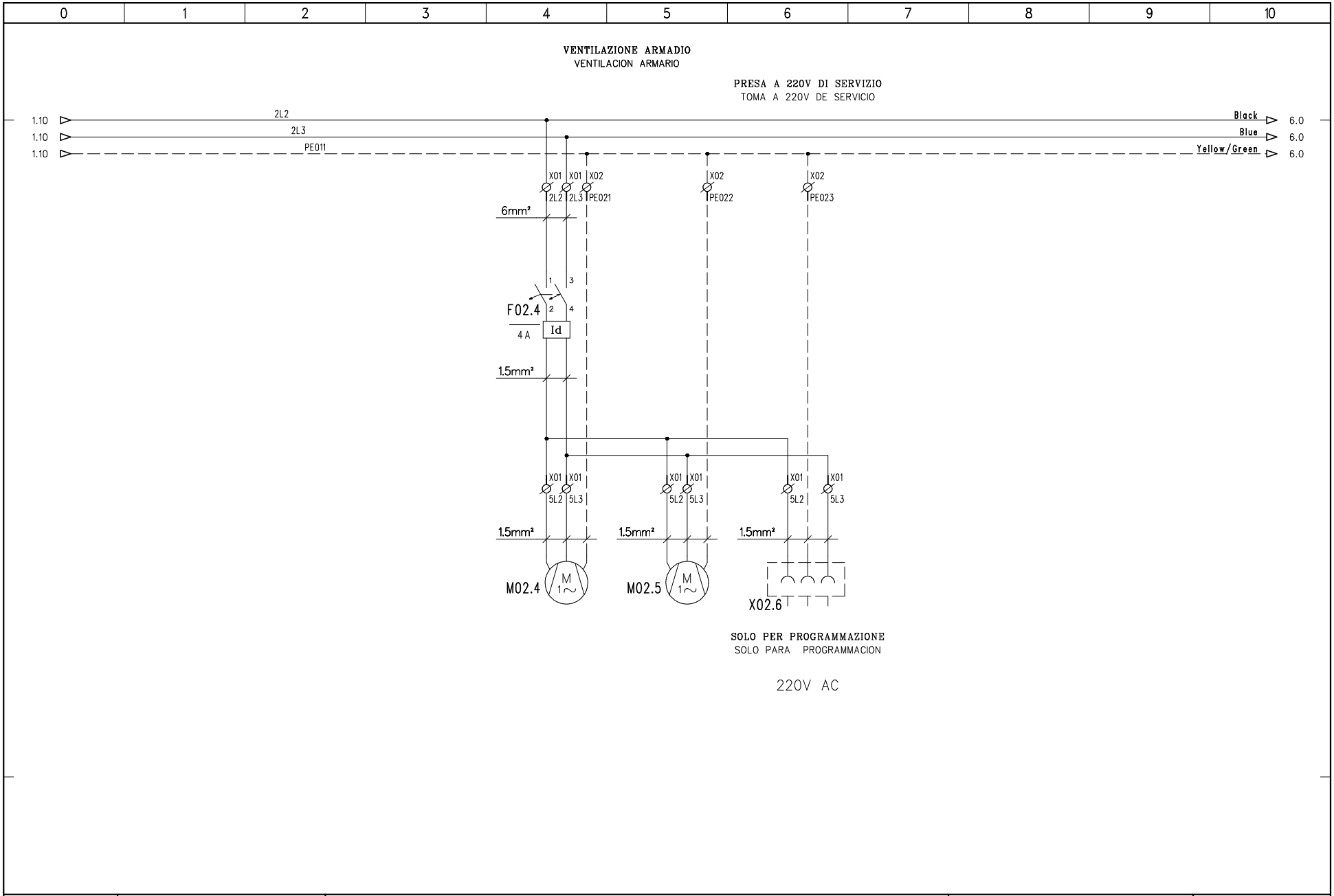
Schaucker MARCHESINI GROUP

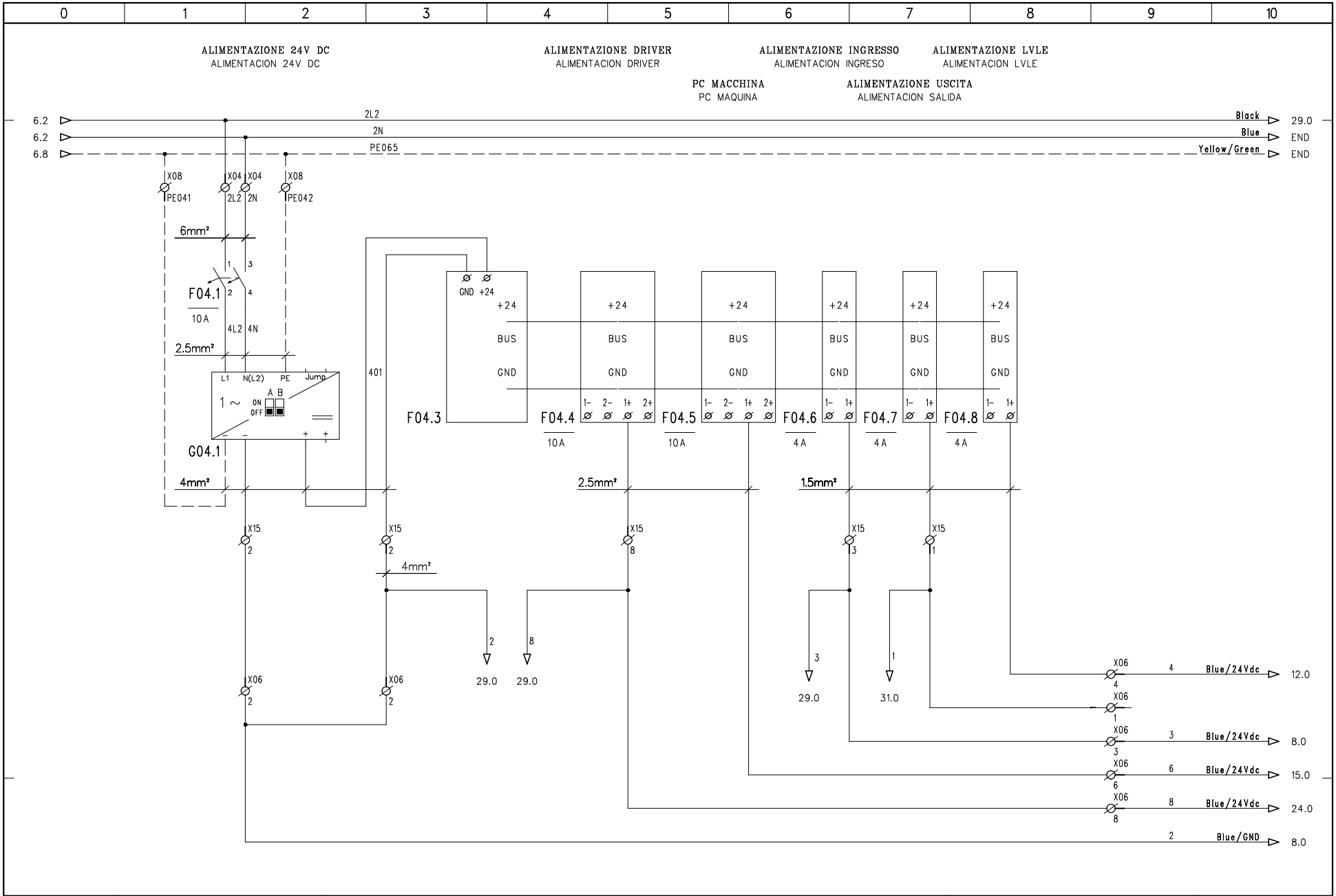
DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA		NEXT PAGE 1
CHD BY M.Bradamante	DESCRIPTION GUIDA GRAFICA PER ORDINAZIONE PARTI DI RICAMBIO / GUÍA GRÁFICA PARA SOLICITAR PIEZAS DE RECAMBIO	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 0-TAV3-001
DATE 30/03/2023			TOTAL PAGES 7/97



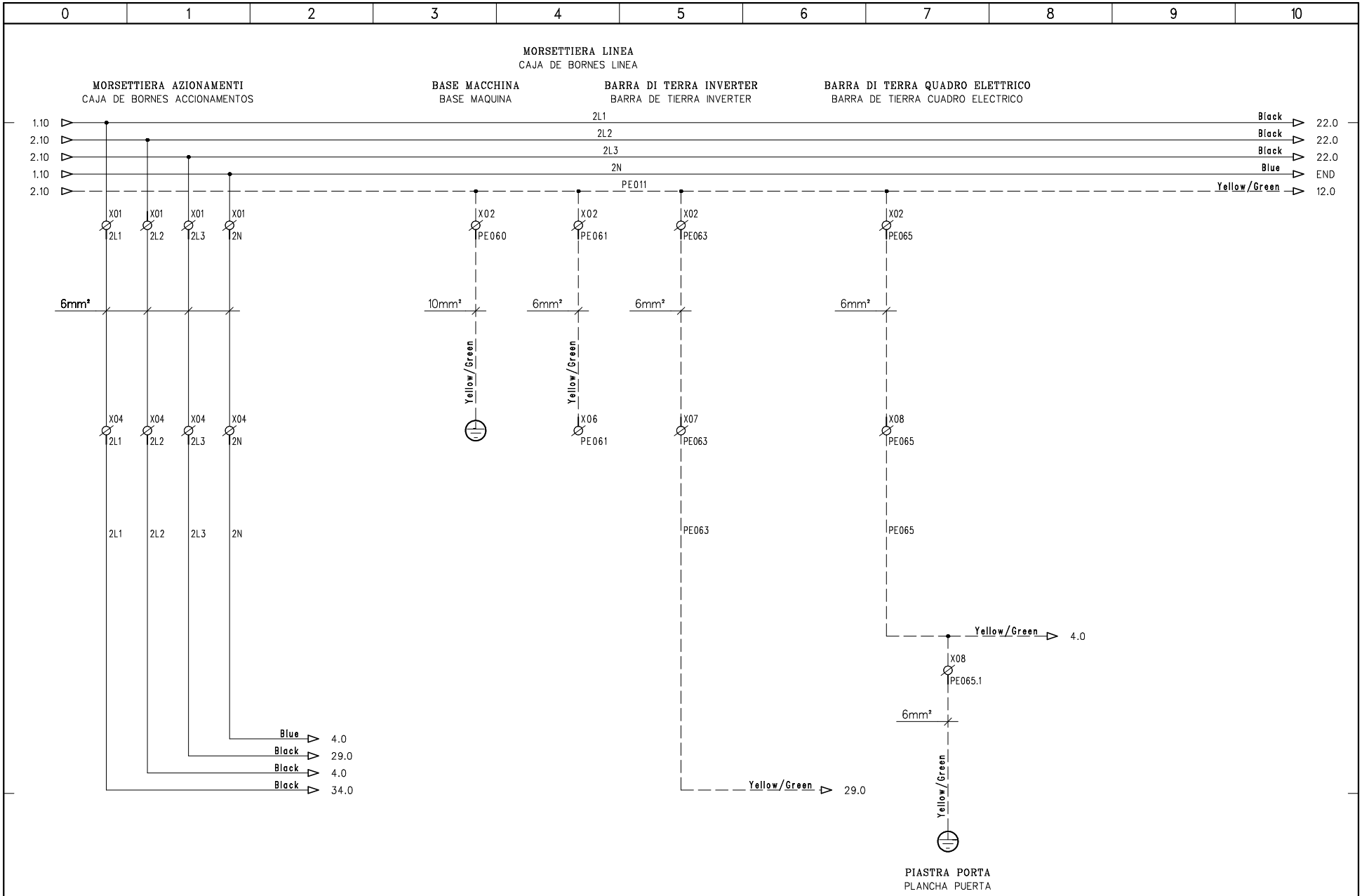
Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 2
	CHD BY M.Bradamante	DESCRIPTION ALIMENTAZIONE GENERALE / ALIMENTACION GENERAL	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 1
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 8/97



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 4
	CHD BY M.Bradamante	DESCRIPTION ALIMENTAZIONE DI SERVIZIO / ALIMENTACION DE SERVICIO	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 2
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 9/97



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 6
	CHD BY M.Bradamante	DESCRIPTION ALIMENTAZIONE 24V DC / ALIMENTACION 24V DC	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 4
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 10/97



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 7
	CHD BY M.Bradamante	DESCRIPTION COLLEGAMENTI MORSETTIERE / COLIGAMIENTO CAJA DE BORNES	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 6
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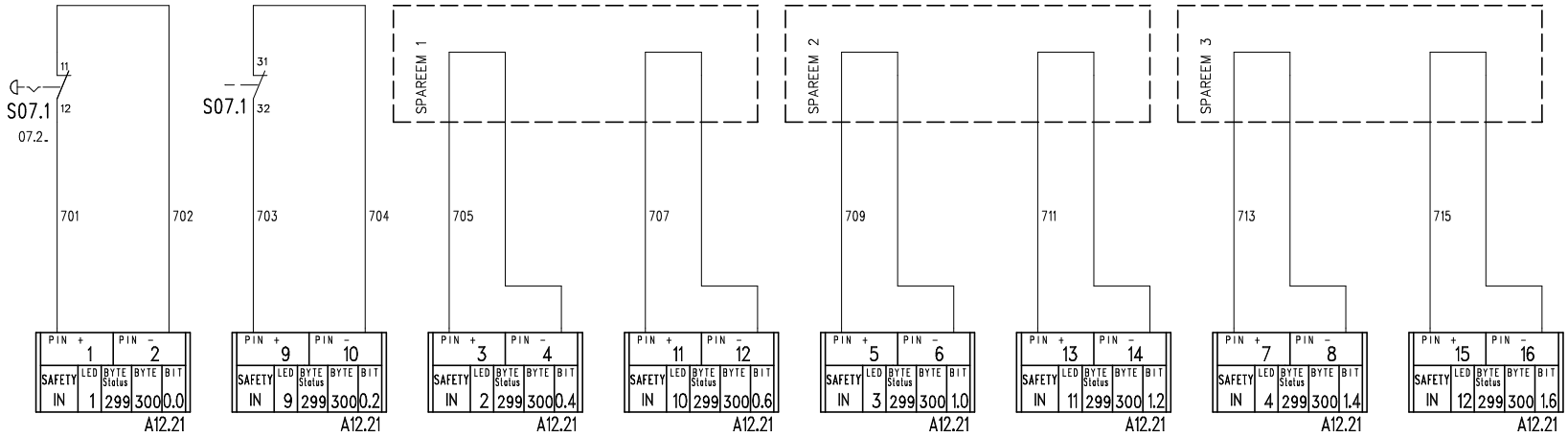

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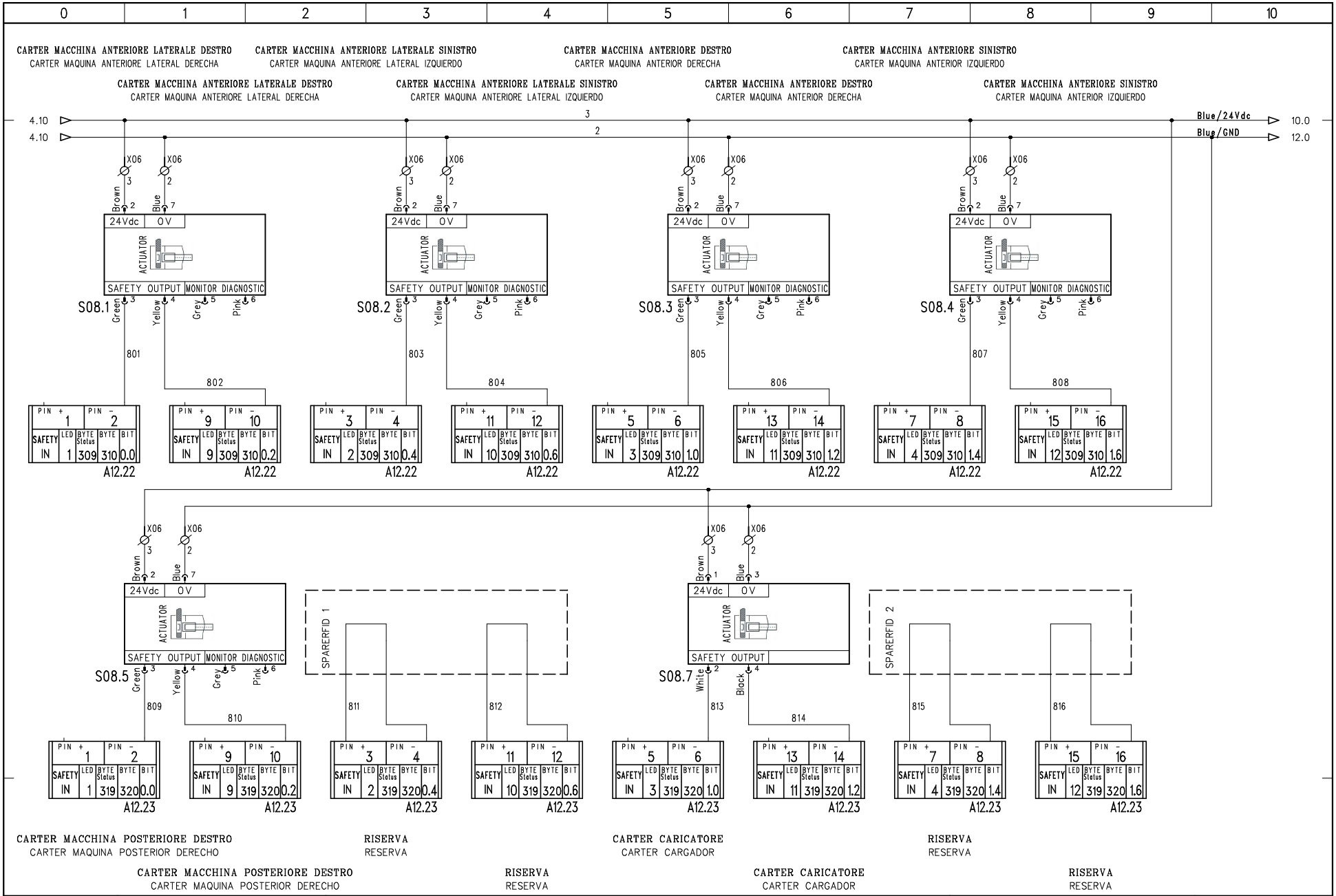
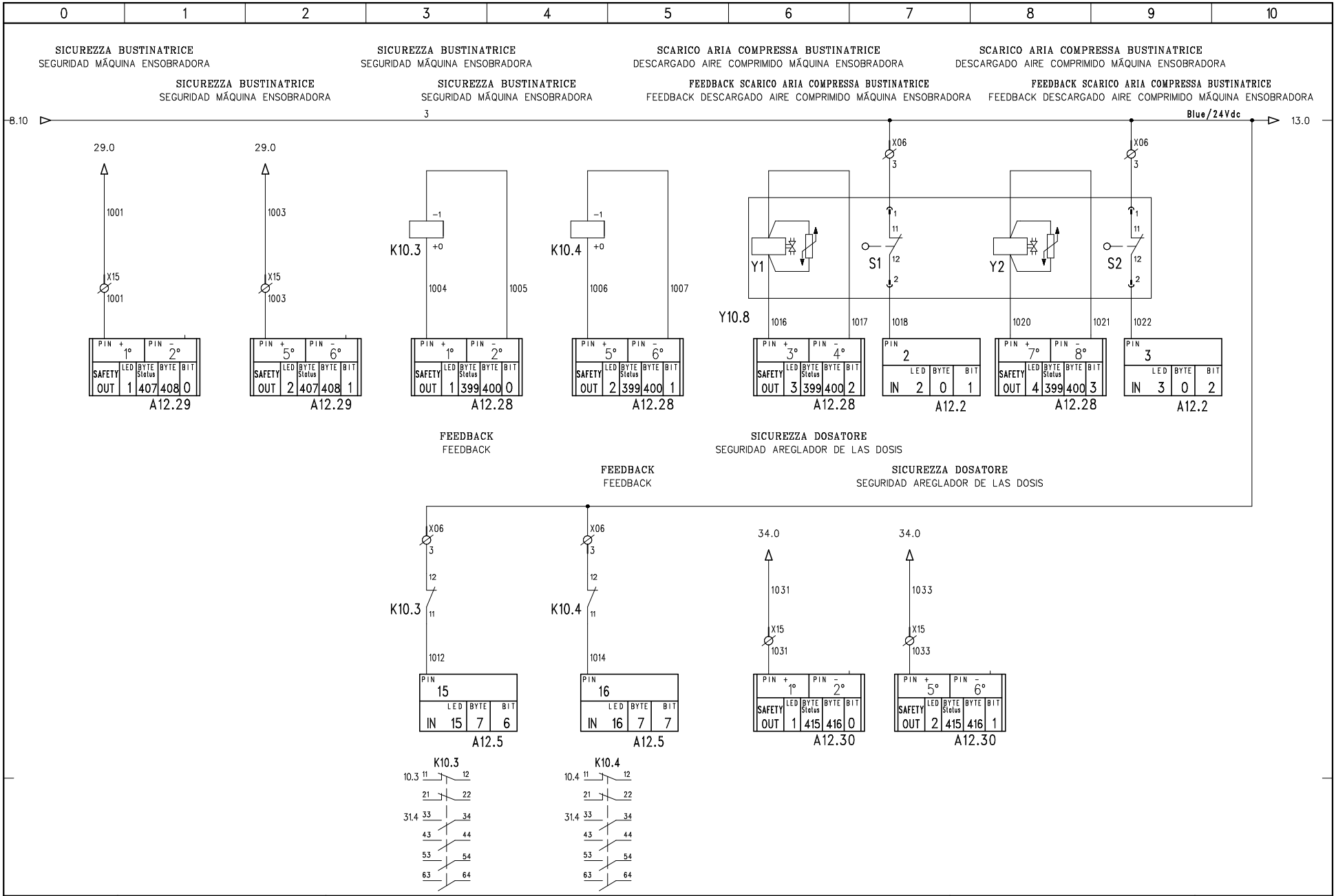
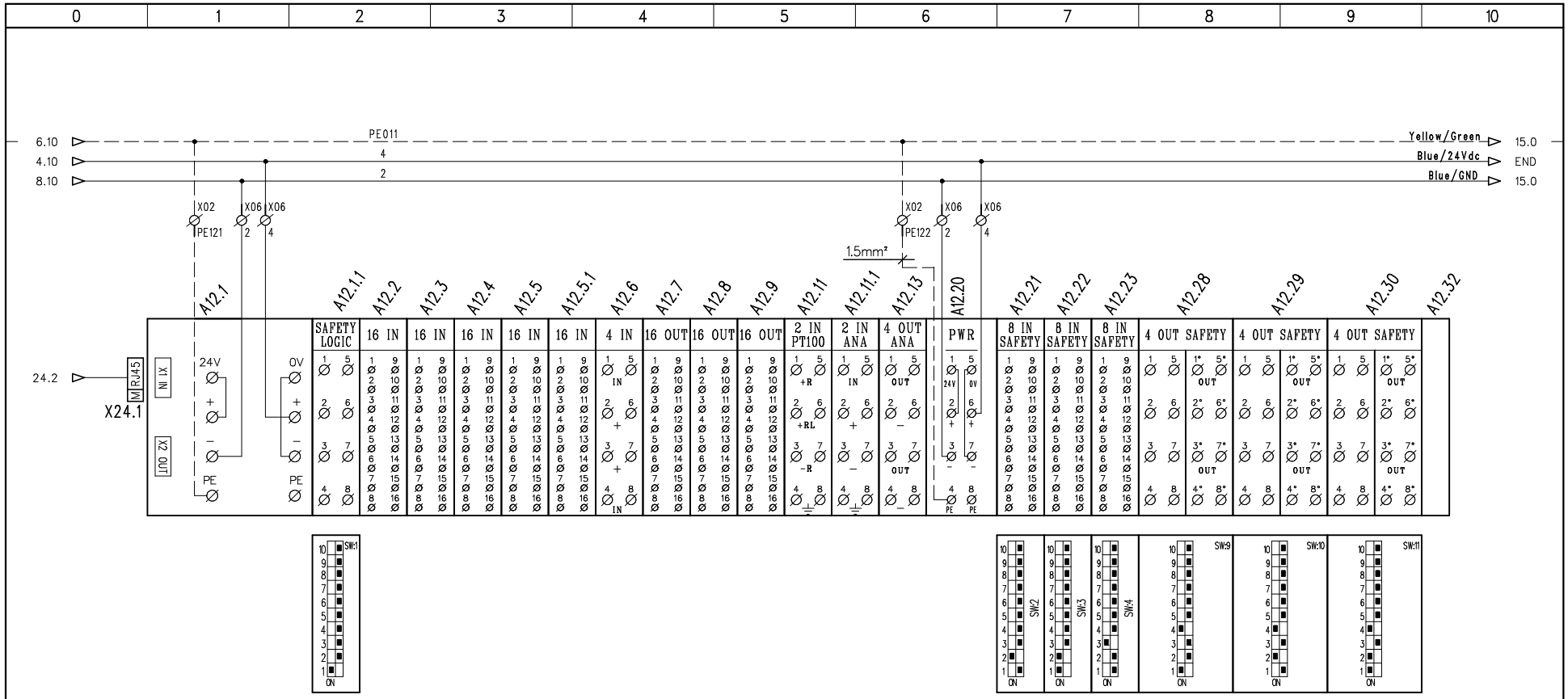
DRAWN BY C.Cappello	MACHINE TYPE	BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE 8
CHD BY M.Bradamante	DESCRIPTION	EMERGENZE EMERGENCIAS	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 7
DATE 30/03/2023					TOTAL PAGES 12/97



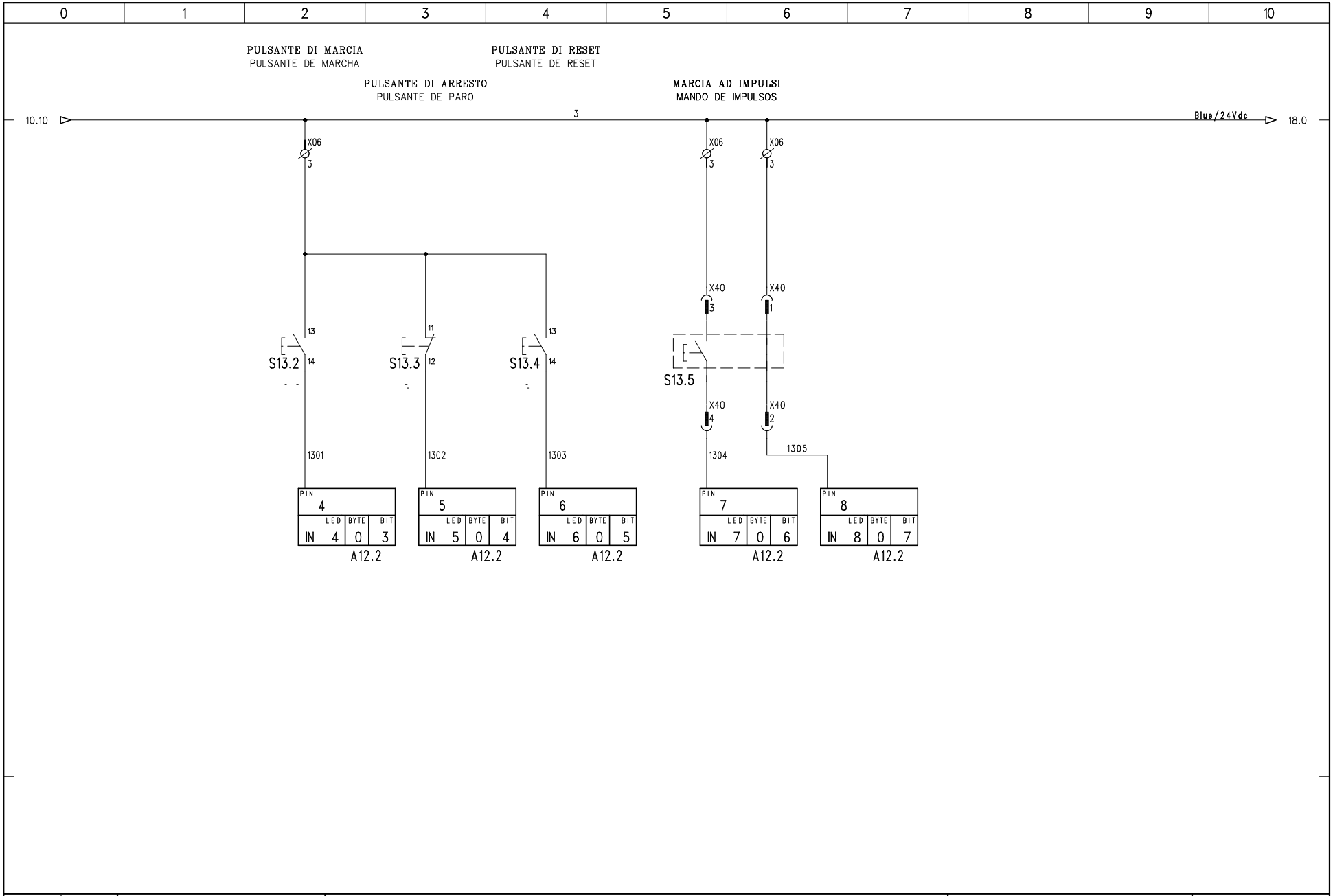
Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 10
	CHD BY M.Bradamante	DESCRIPTION CARTER BUSTINATRICE / CARTER MÁQUINA ENSOBRADORA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 8
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 13/97



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 12
	CHD BY M.Bradamante	DESCRIPTION CARTER MACCHINA/CIRCUITI DI SICUREZZA / CARTER MAQUINA/CIRCUITOS DE SEGURIDAD	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 10
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 14 /97



Schaucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE 13
	CHD BY M.Bradamante	DESCRIPTION ALIMENTAZIONE SCHEDE ALIMENTACION FICHASS	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 12
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 15/97



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 15
	CHD BY M.Bradamante	DESCRIPTION INTERFACCIA OPERATORE / INTERFACE OPERADOR	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 13
	DATE 30/03/2023				TOTAL PAGES 16/97

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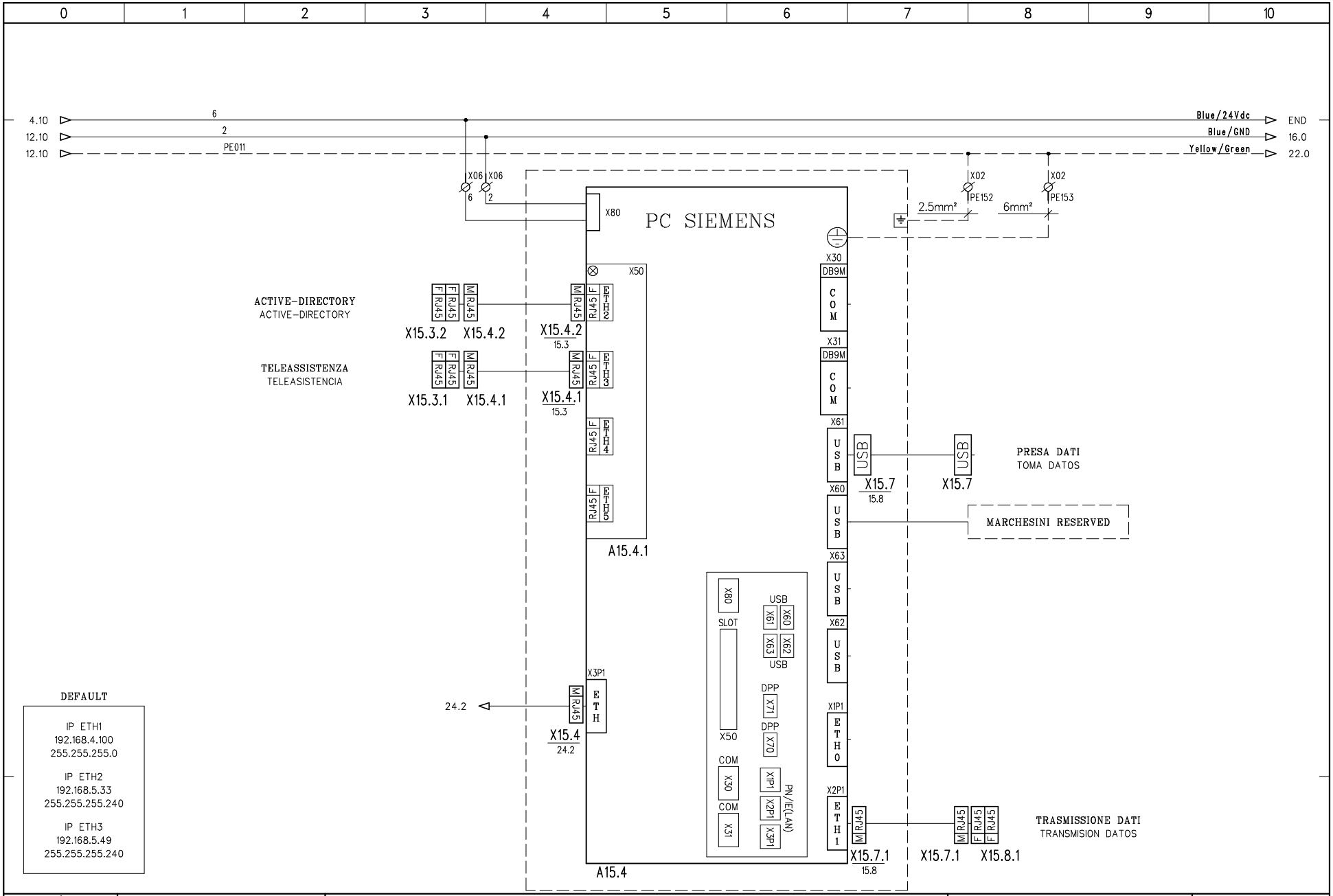
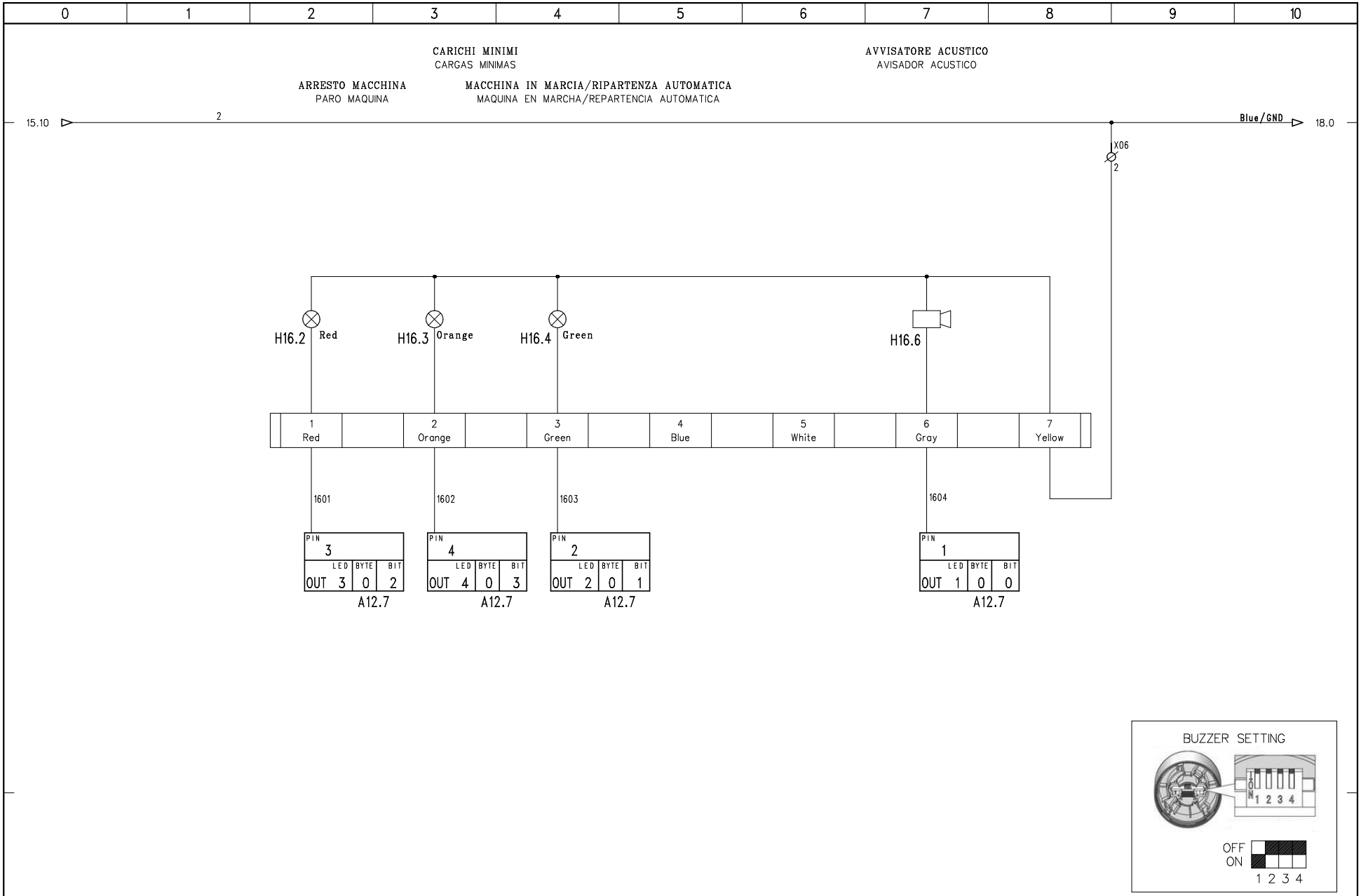
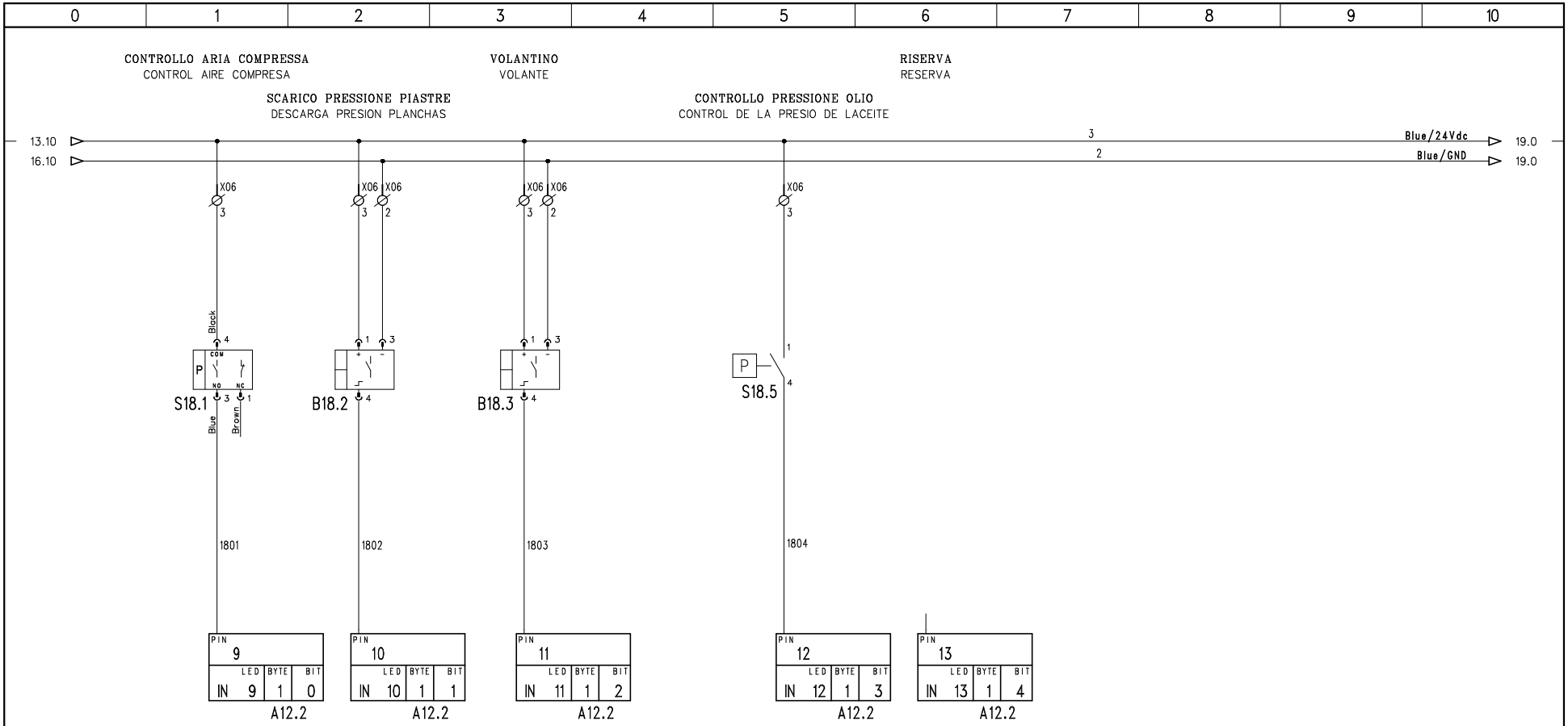


Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 16
	CHD BY M.Bradamante	DESCRIPTION ALIMENTAZIONE DISPLAY / ALIMENTACION PANTALLA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 15
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 17/97



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 18
	CHD BY M.Bradamante	DESCRIPTION SEGNALAZIONI LUMINOSE / SEÑALES LUMINOSOS	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 16
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 18/97



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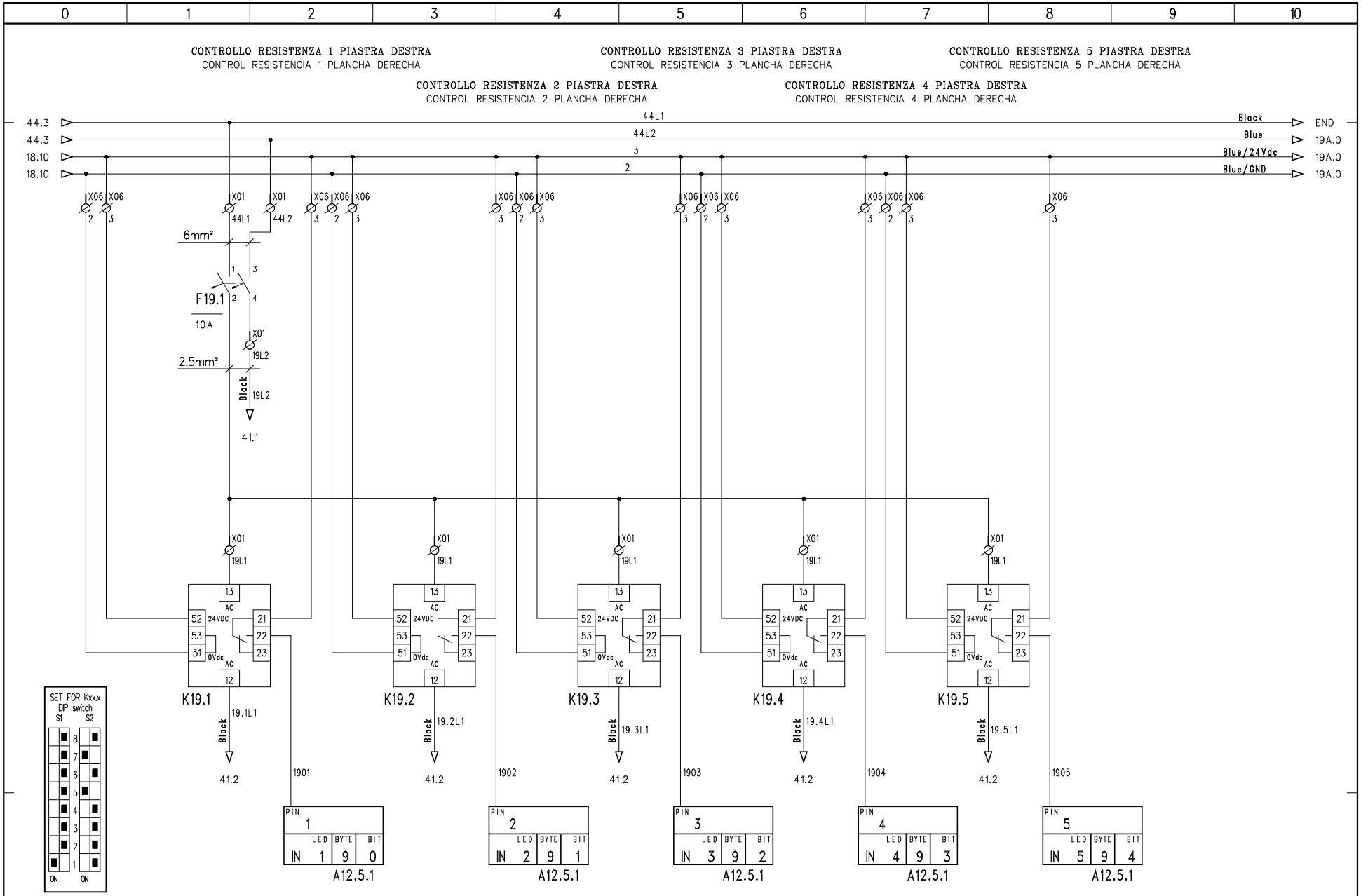
DRAWN BY C.Cappello	MACHINE TYPE	BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE 19
CHD BY M.Bradamante	DESCRIPTION	SICUREZZA SEGURIDAD	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 18
DATE 30/03/2023					TOTAL PAGES 19/97



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 19A
	CHD BY M.Bradamante	DESCRIPTION CONTROLLO RESISTENZE DESTRA E SINISTRA / CONTROL RESISTENCIAS DERECHAIZQUIERDA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 19
	DATE 30/03/2023				TOTAL PAGES 20/97

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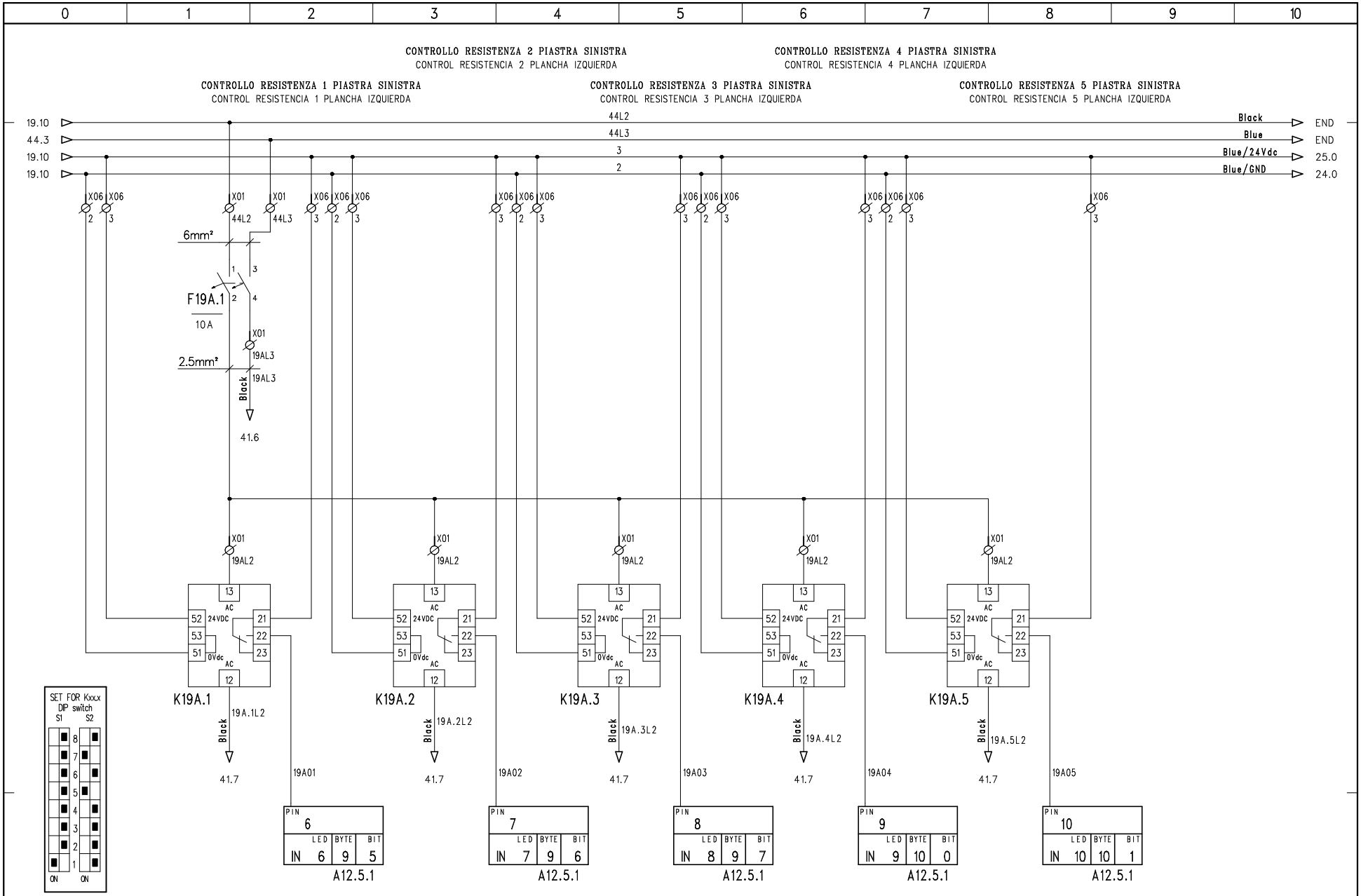

Schneider MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 22
	CHD BY M.Bradamante	DESCRIPTION CONTROLLO RESISTENZE DESTRA E SINISTRA / CONTROL RESISTENCIAS DERECHAIZQUIERDA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 19A
	DATE 30/03/2023				TOTAL PAGES 21/97

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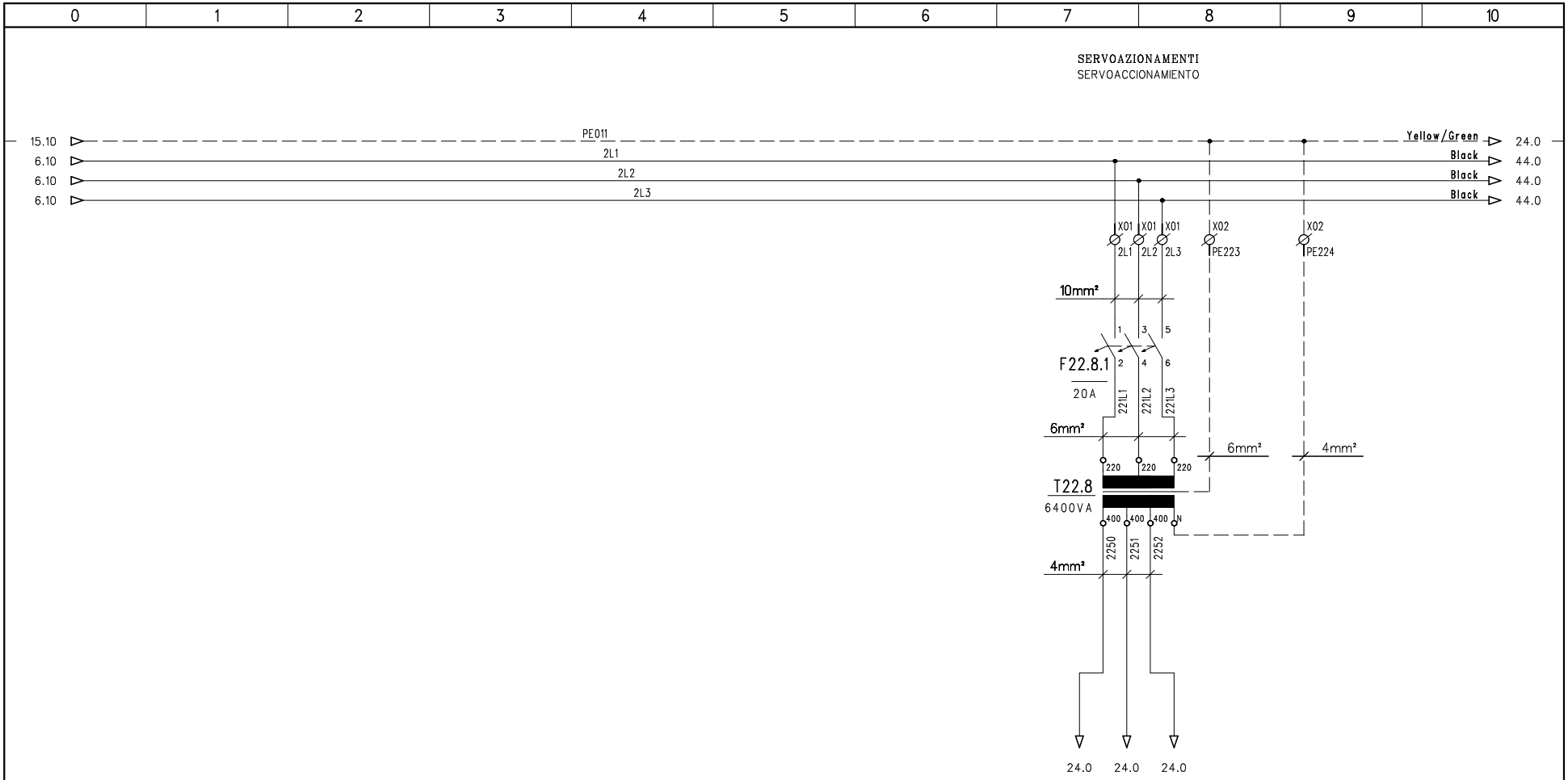

Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 24
	CHD BY M.Bradamante	DESCRIPTION ALIMENTAZIONE SERVOAZIONAMENTI / ALIMENTACION SERVOACCIONAMIENTO	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 22
	DATE 30/03/2023				TOTAL PAGES 22/97

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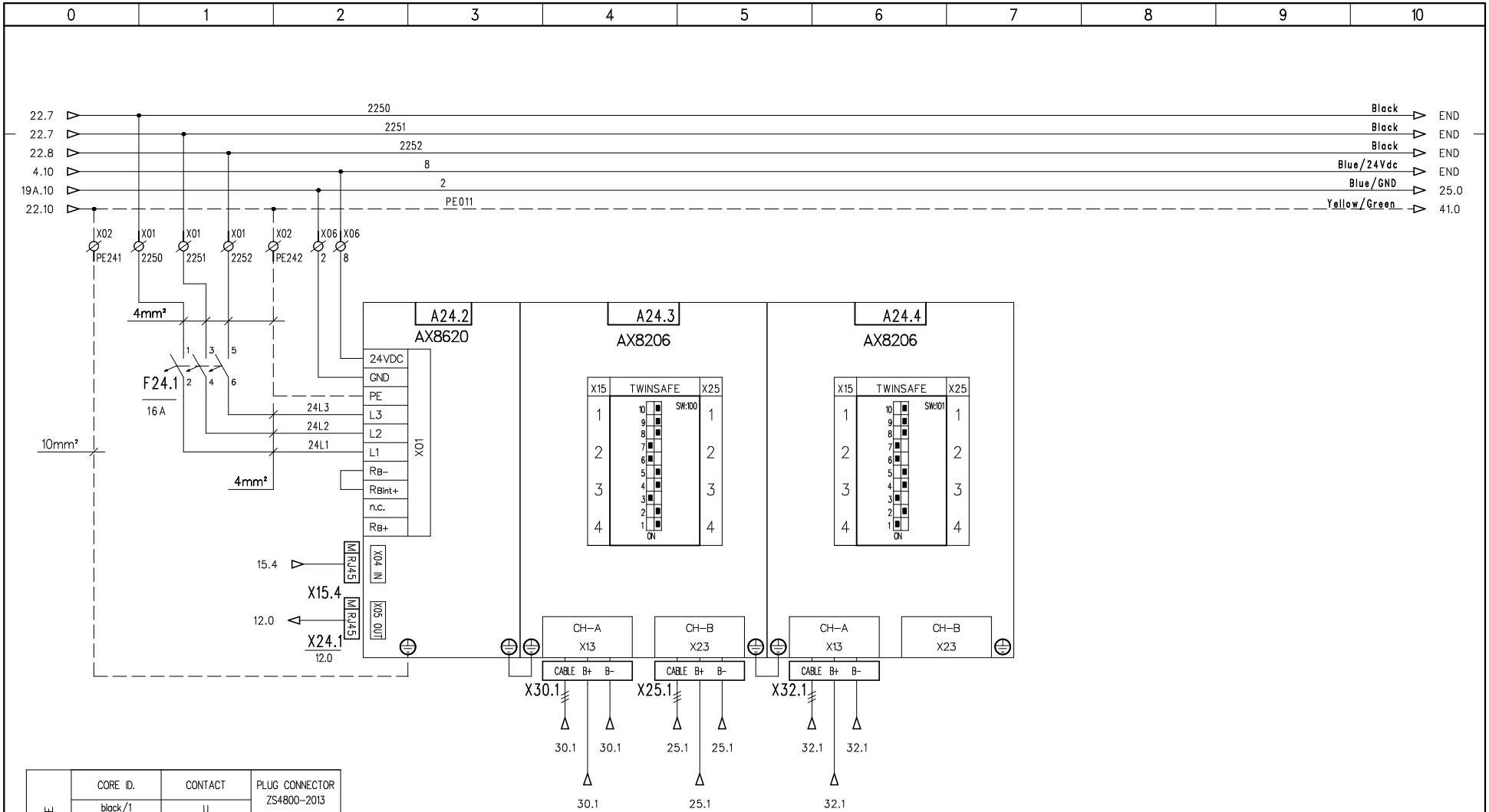
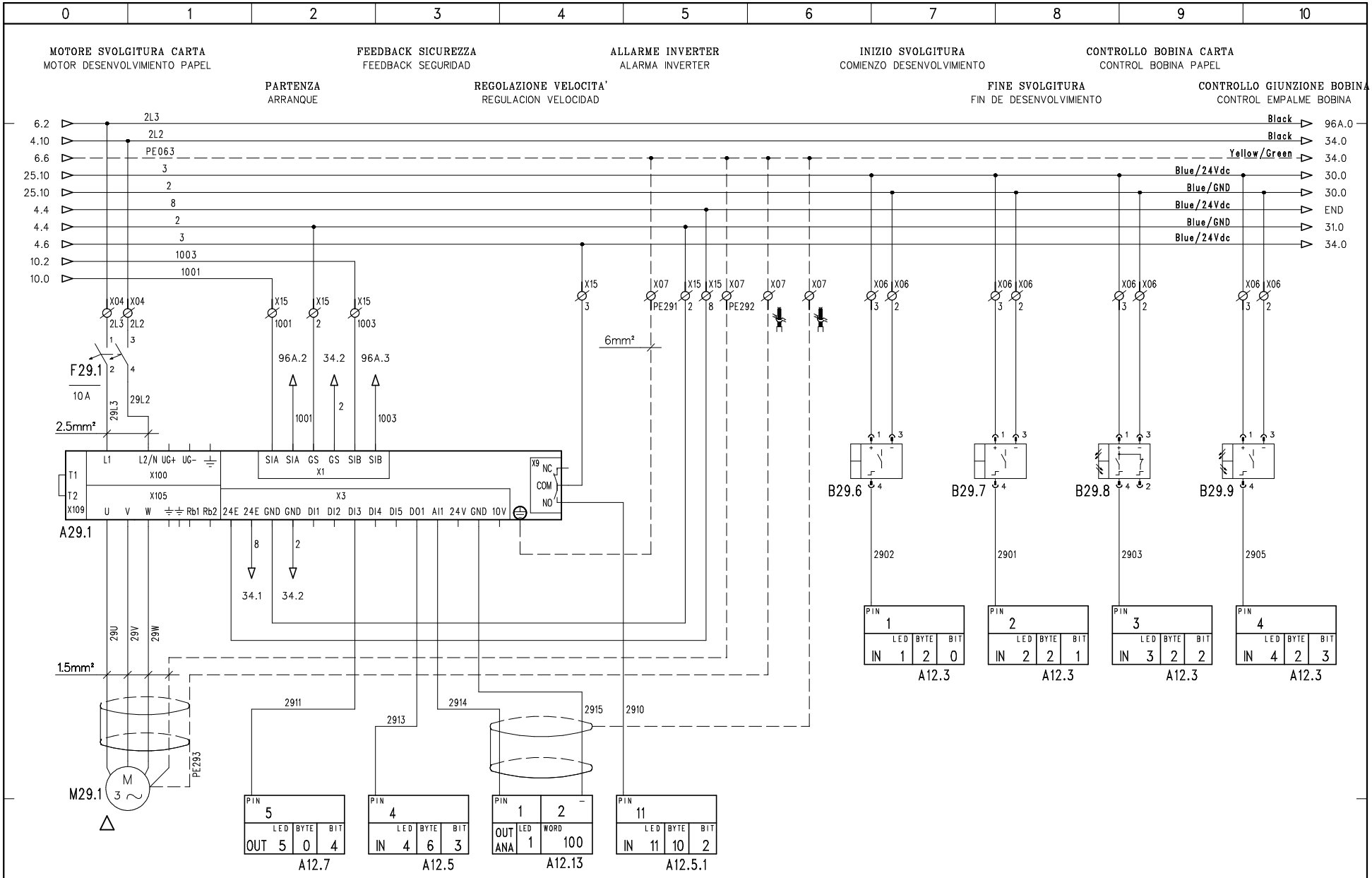


MOTOR CABLE	CORE ID.	CONTACT	PLUG CONNECTOR ZS4800-2013
	black/1	U	
	black/3	W	
	black/2	V	
	black/5	B+	
	black/6	B−	
	white	T+	
	blue	T−	
	–	–	
	green/yellow	PE	

Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 25
	CHD BY M.Bradamante	DESCRIPTION ALIMENTAZIONE MOTORI / ALIMENTACION MOTORES	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 24
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 23/97

Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 29
	CHD BY M.Bradamante	DESCRIPTION MOTORE MACCHINA / MOTOR MAQUINA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 25
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 24 /97



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 30
	CHD BY M.Bradamante	DESCRIPTION MOTORE SVOLGITURA CARTA / MOTOR DESENVOLVIMIENTO PAPEL	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 29
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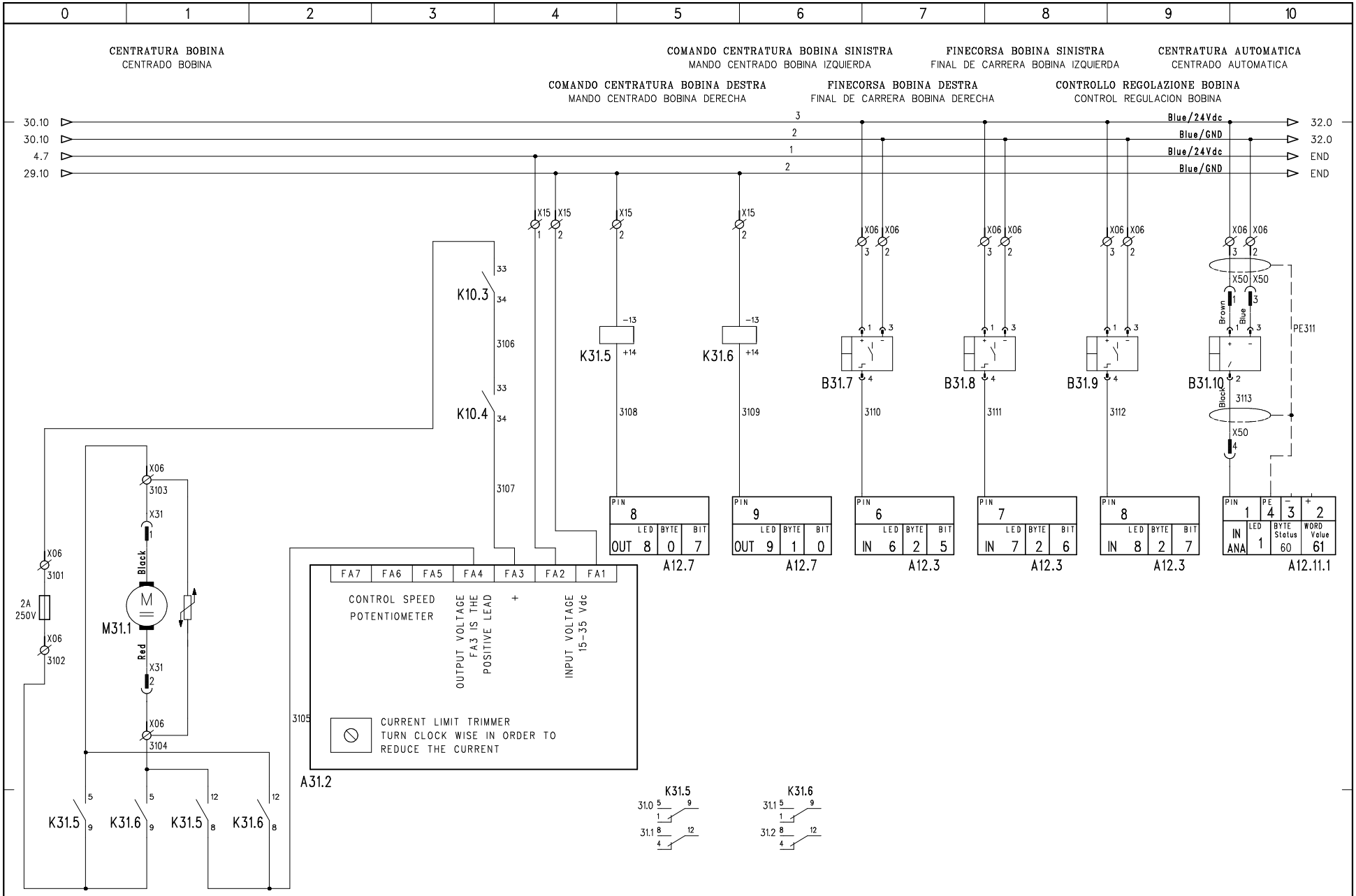
Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 31
	CHD BY M.Bradamante	DESCRIPTION MOTORE TRASCINAMENTO CARTA / MOTOR ARRASTRE PAPEL	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 30
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 26/97



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 32
	CHD BY M.Bradamante	DESCRIPTION CENTRATURA BOBINA / CENTRADO BOBINA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 31
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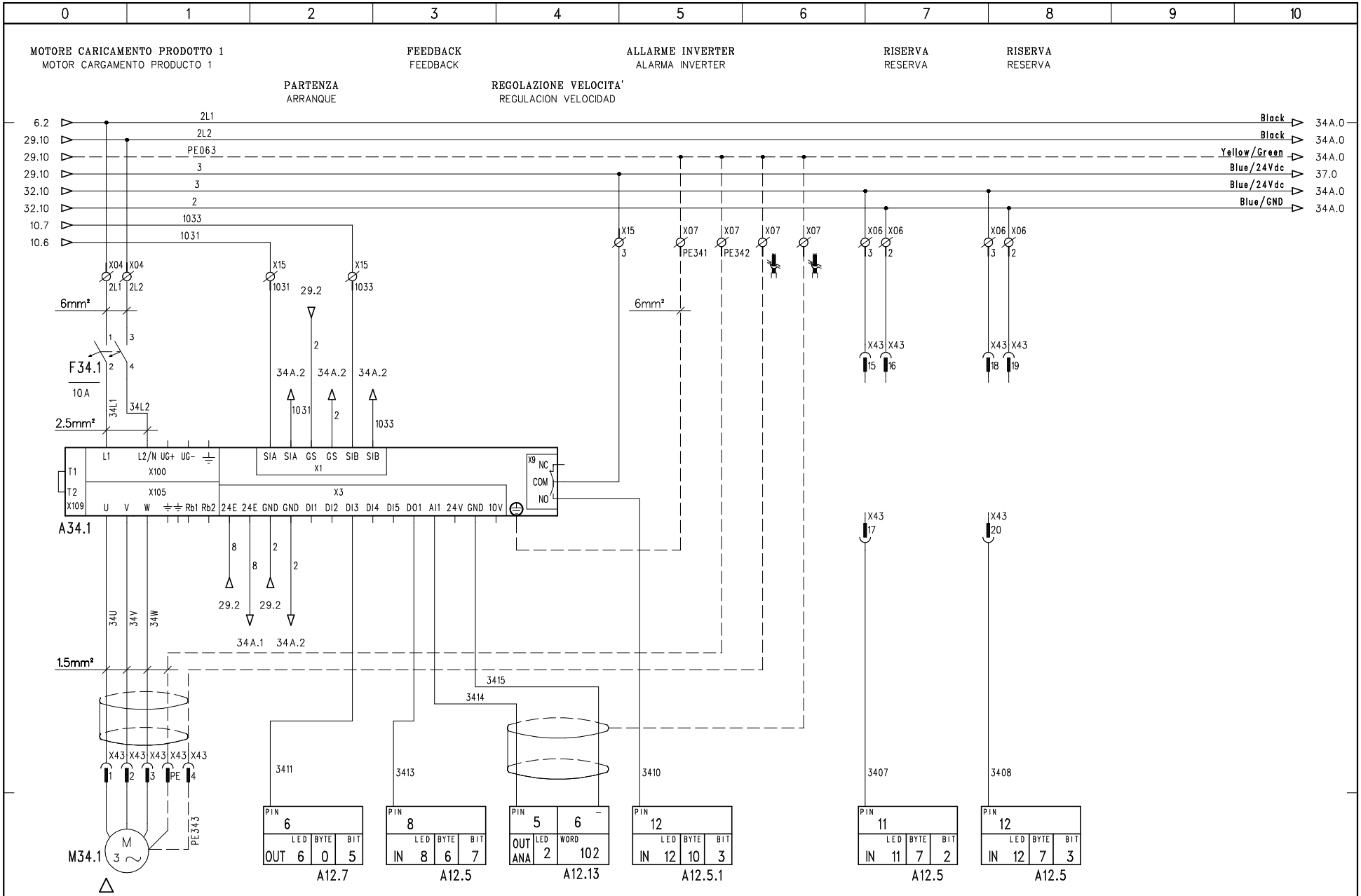
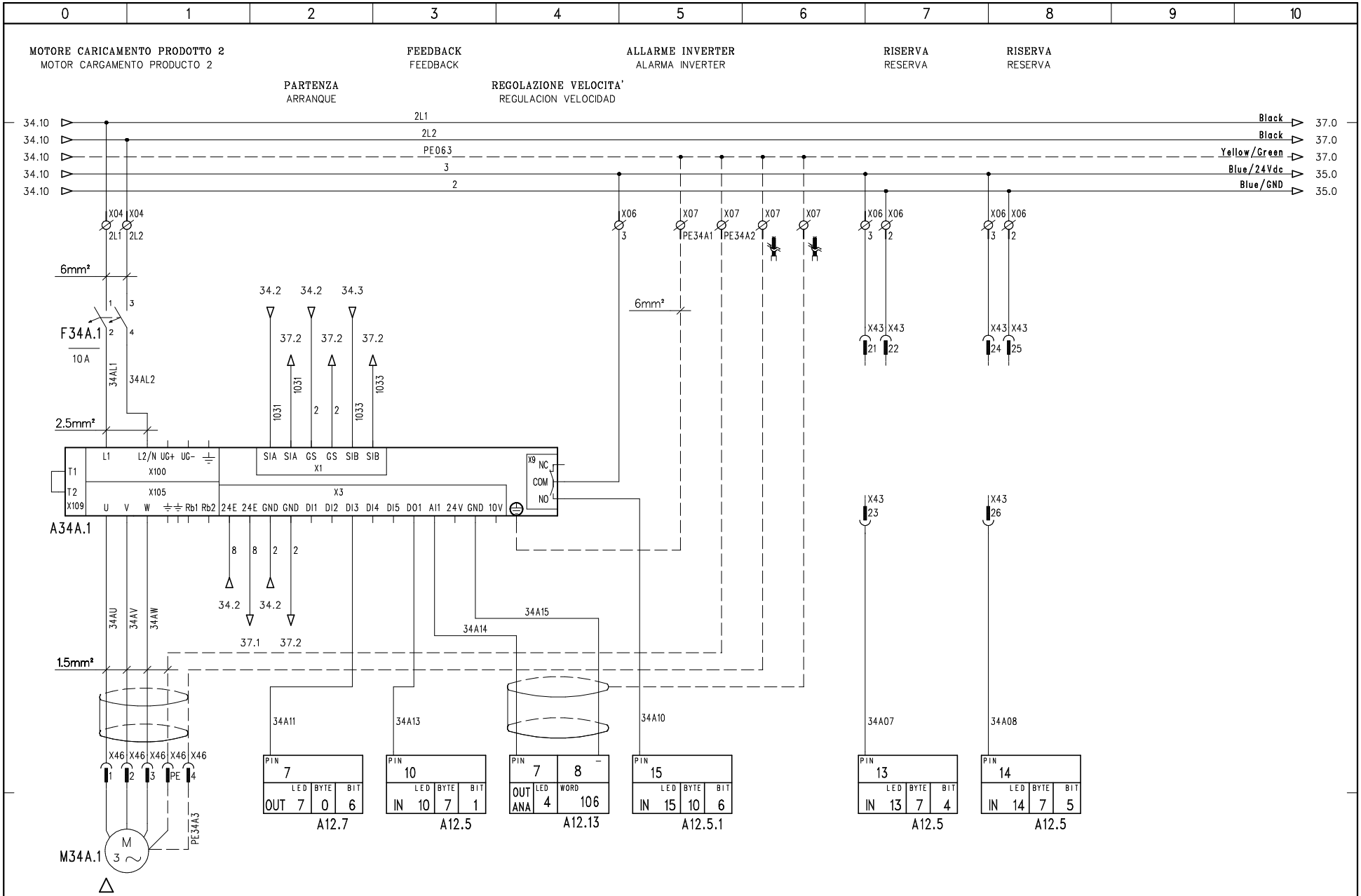
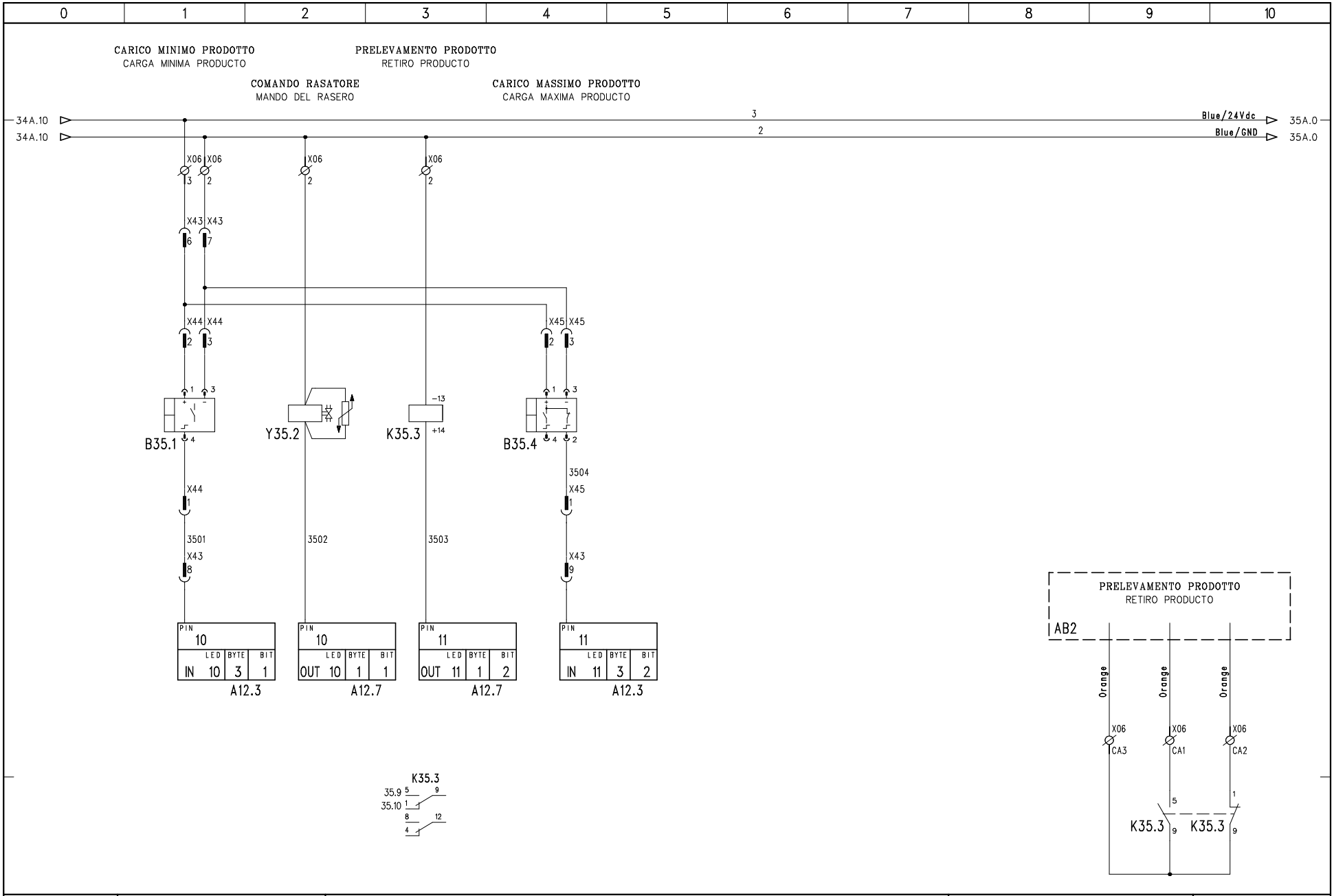
Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 34
	CHD BY M.Bradamante	DESCRIPTION MOTORE TAGLIO CARTA / MOTOR CORTE PAPEL	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 32
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 28/97



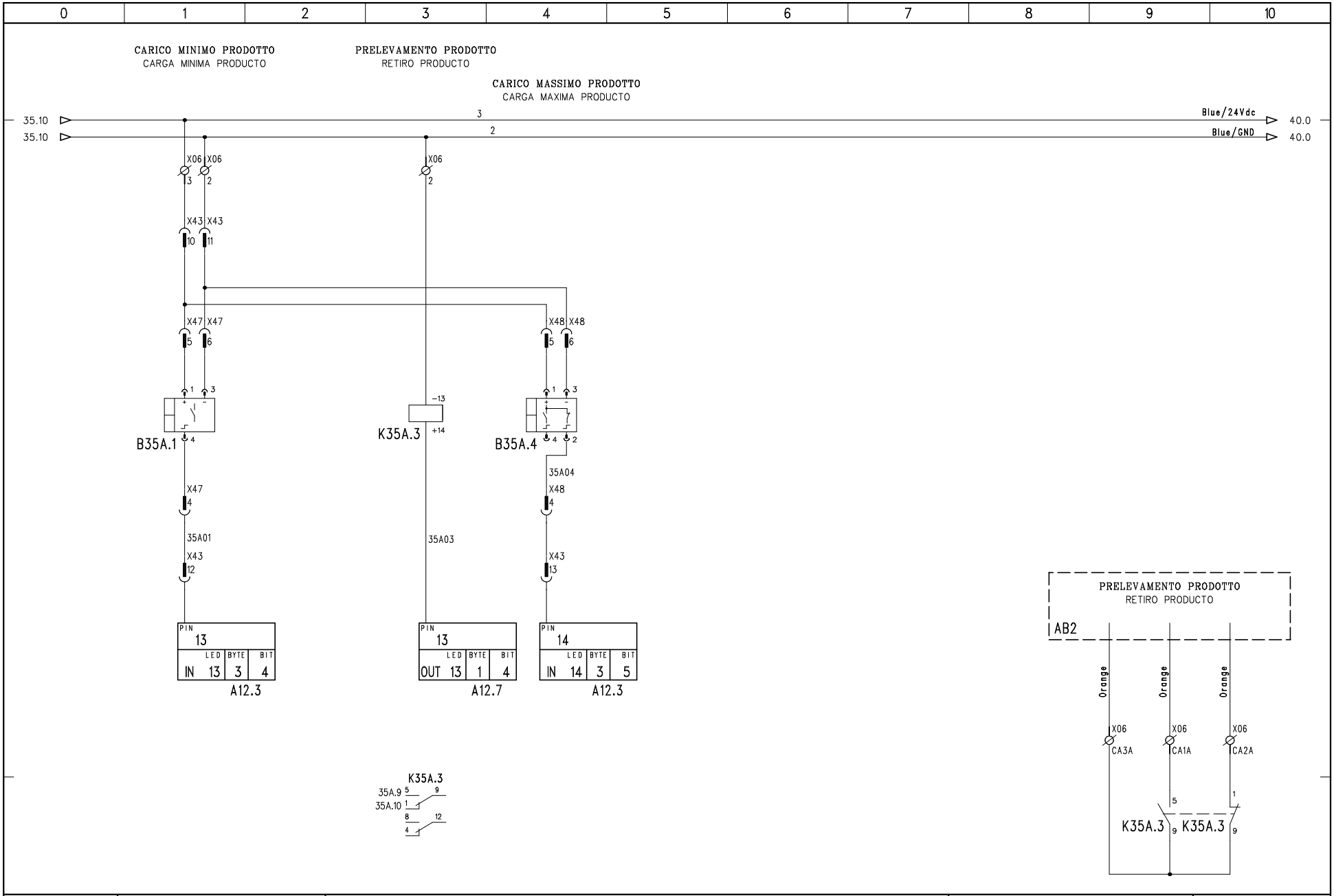
Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 34A
	CHD BY M.Bradamante	DESCRIPTION COMANDO CARICAMENTO PRODOTTO 1 / MANDO CARGAMENTO PRODUCTO 1	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 34
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 29/97



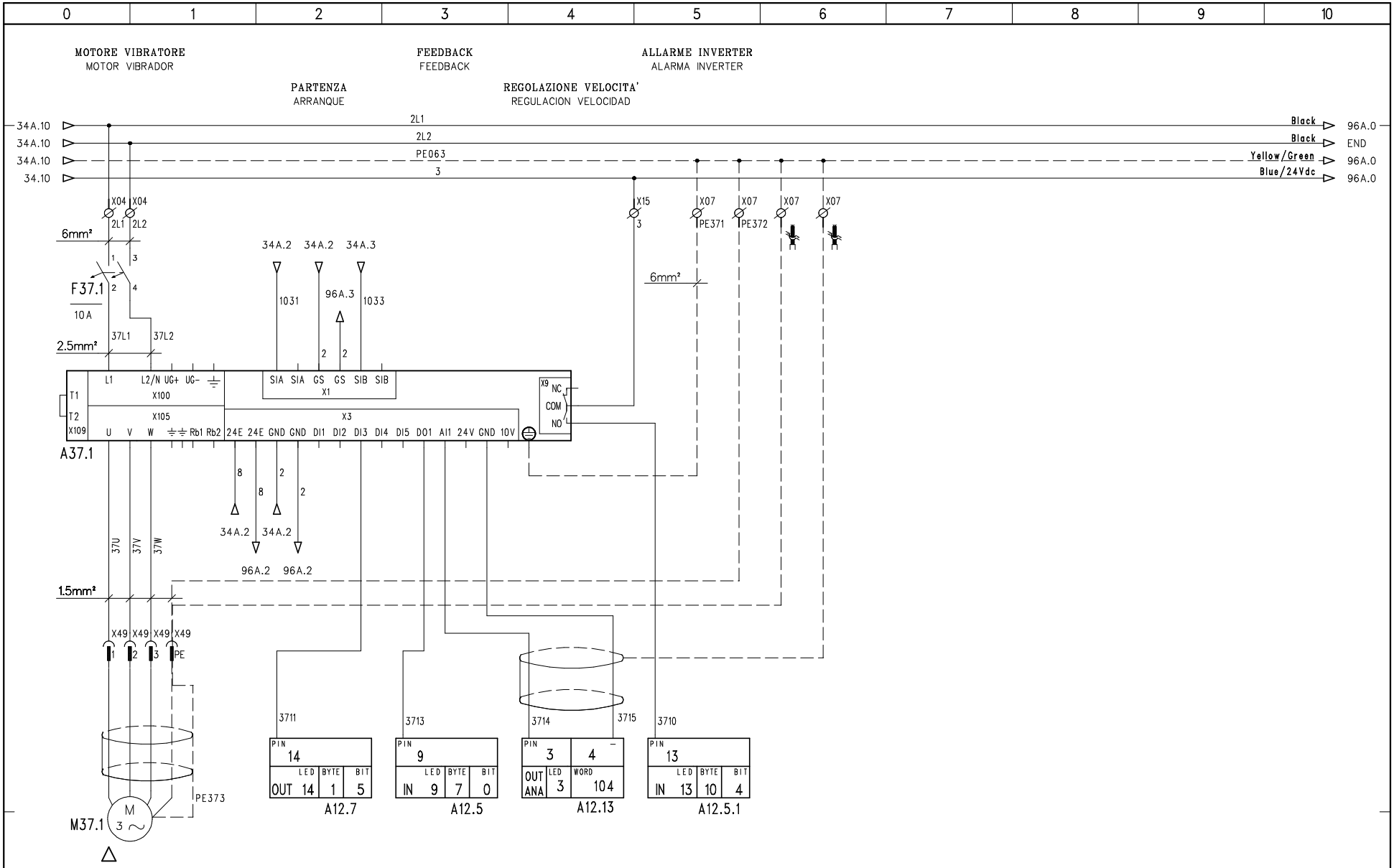
Schaeffler Schaeffler MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 35
	CHD BY M.Bradamante	DESCRIPTION COMANDO CARICAMENTO PRODOTTO 2 / MANDO CARGAMENTO PRODUCTO 2	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 34A
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 30/97



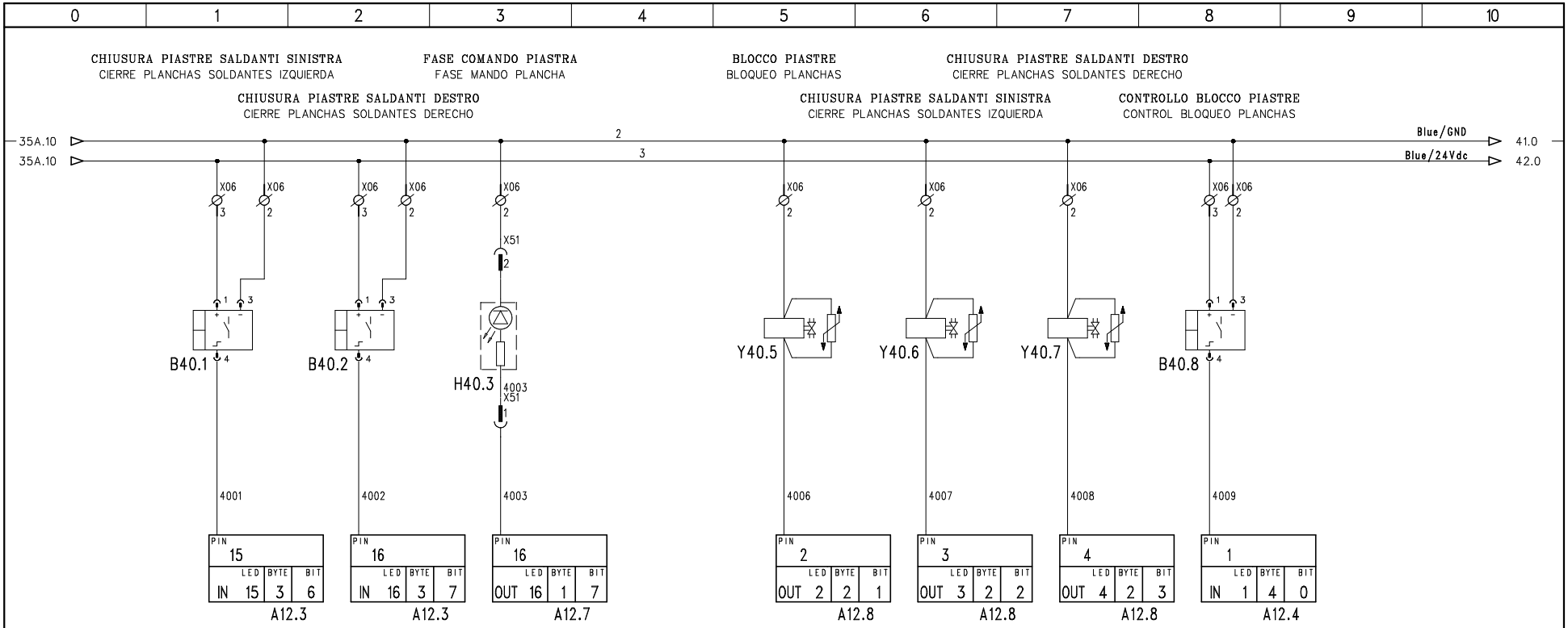
Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 35A
	CHD BY M.Bradamante	DESCRIPTION CARICAMENTO PRODOTTO 1 / CARGAMENTO PRODUCTO 1	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 35
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 31/97



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 37
	CHD BY M.Bradamante	DESCRIPTION CARICAMENTO PRODOTTO 2 / CARGAMENTO PRODUCTO 2	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 35A
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 32/97



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 40
	CHD BY M.Bradamante	DESCRIPTION MOTORE VIBRATORE / MOTOR VIBRADOR	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 37
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 33/97



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 41
	CHD BY M.Bradamante	DESCRIPTION CHIUSURA PIASTRE SALDANTI / CIERRE PLANCHAS SOLDANTES	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 40
	DATE 30/03/2023				TOTAL PAGES 34 /97

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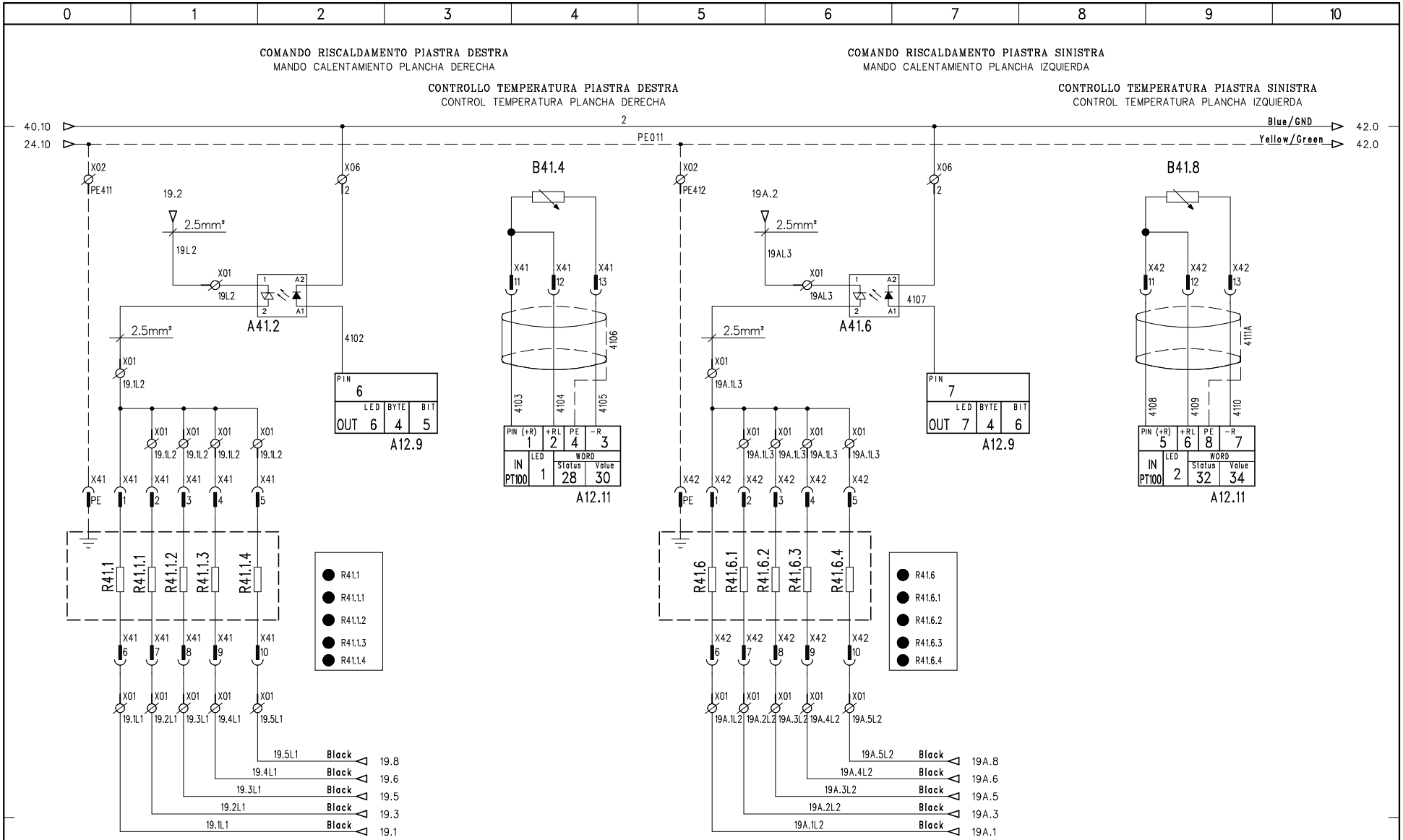

Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 42
	CHD BY M.Bradamante	DESCRIPTION RISCALDAMENTO PIASTRE / RECALENTAMIENTO PLANCHAS	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 41
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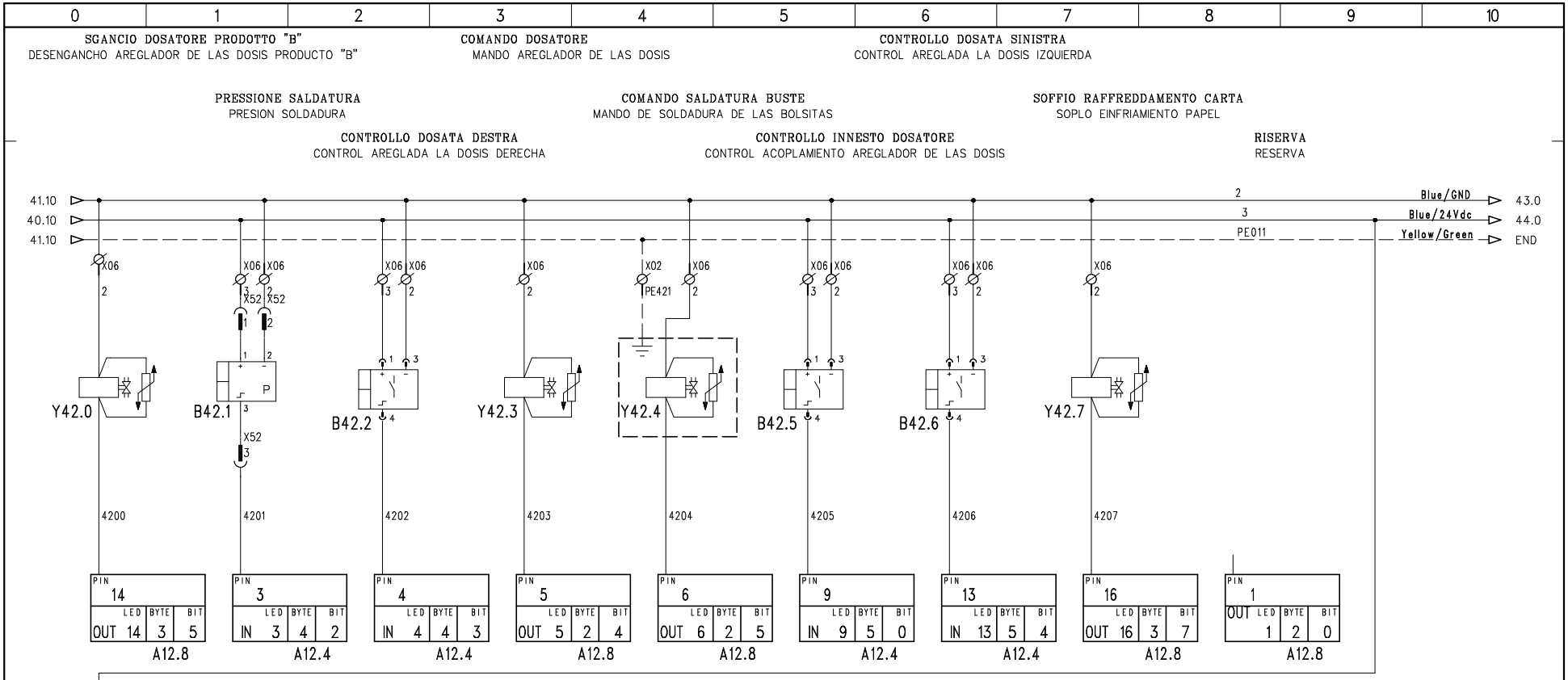

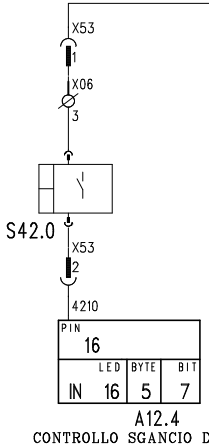

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					COLORE DISPLAY	Col	Sog

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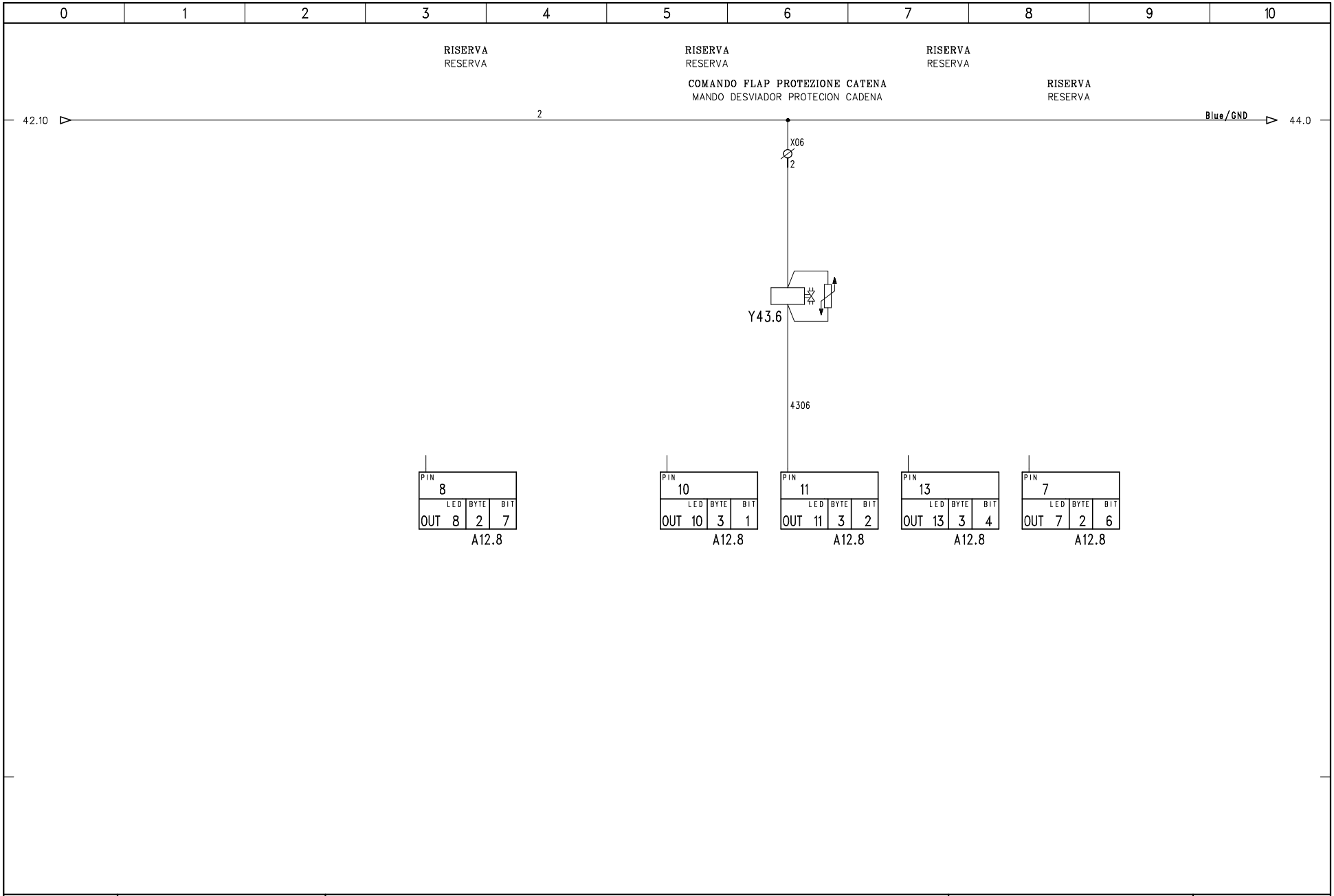
DRAWN BY C.Cappello	MACHINE TYPE	BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE 43
CHD BY M.Bradamante	DESCRIPTION	SALDATURA BUSTE SOLDADURA DE LAS BOLSITAS	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 42
DATE 30/03/2023					TOTAL PAGES 36/97



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 44
	CHD BY M.Bradamante	DESCRIPTION PINZE PRELEVAMENTO BUSTE / PINZA RETIRO BOLSITAS	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 43
	DATE 30/03/2023				TOTAL PAGES 37/97

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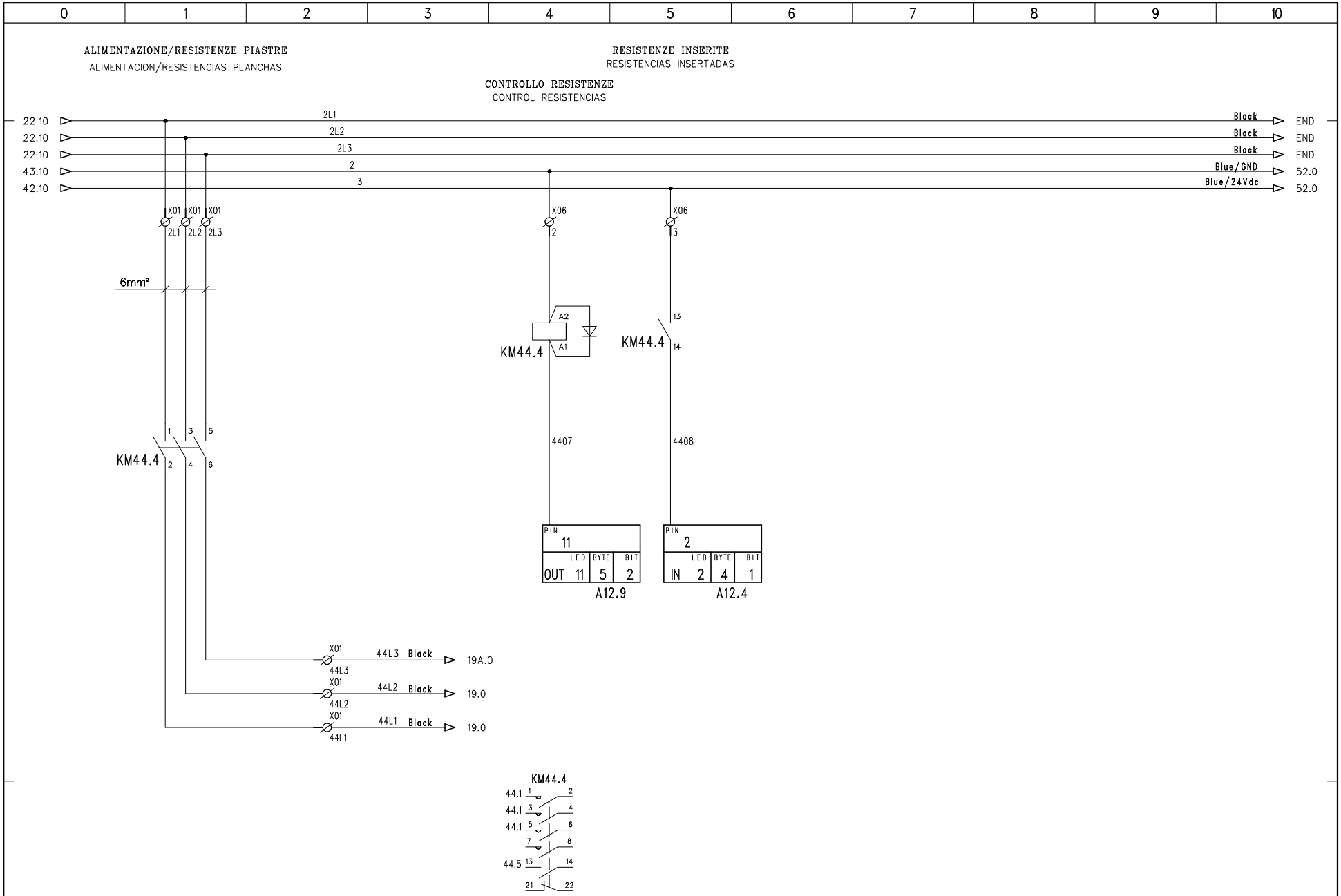
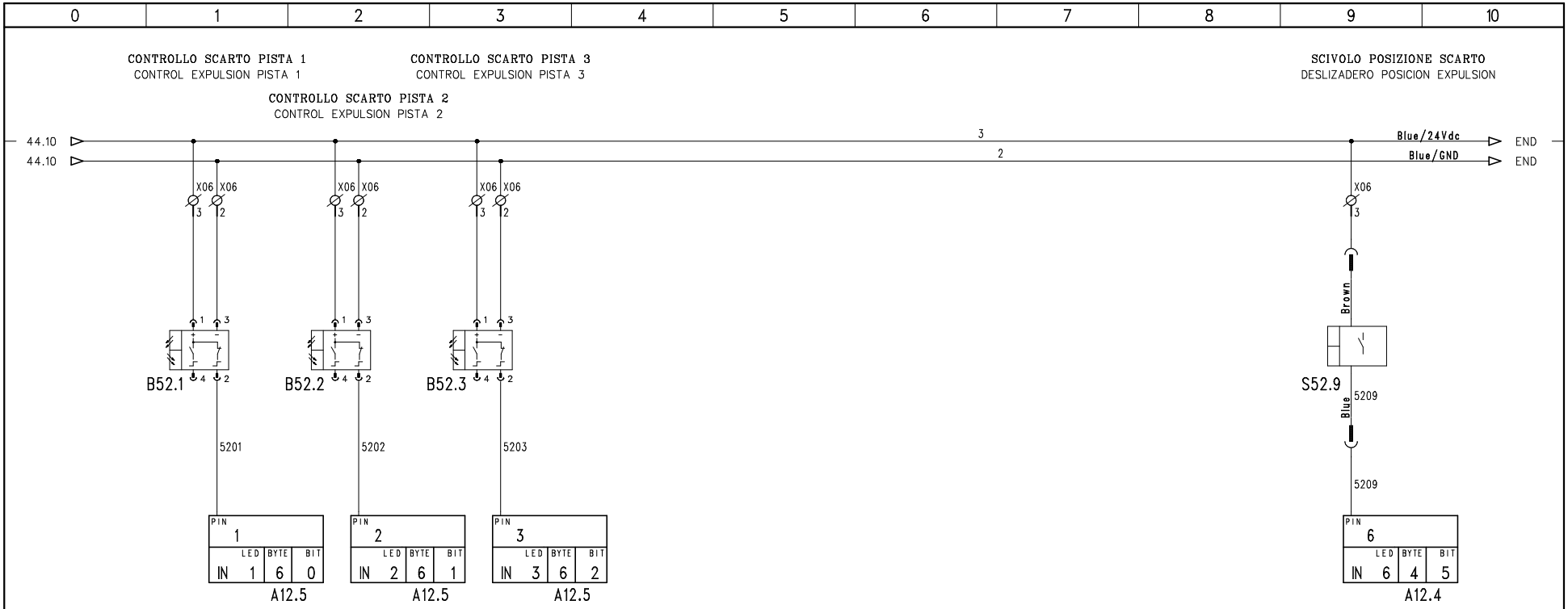


Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 52
	CHD BY M.Bradamante	DESCRIPTION RISCALDAMENTO PIASTRE / RECALENTAMIENTO PLANCHAS	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 44
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 38/97



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE 96A
	CHD BY M.Bradamante	DESCRIPTION CONTROLLO SCARTO / CONTROL EXPULSION	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 52
	DATE 30/03/2023				TOTAL PAGES 39/97

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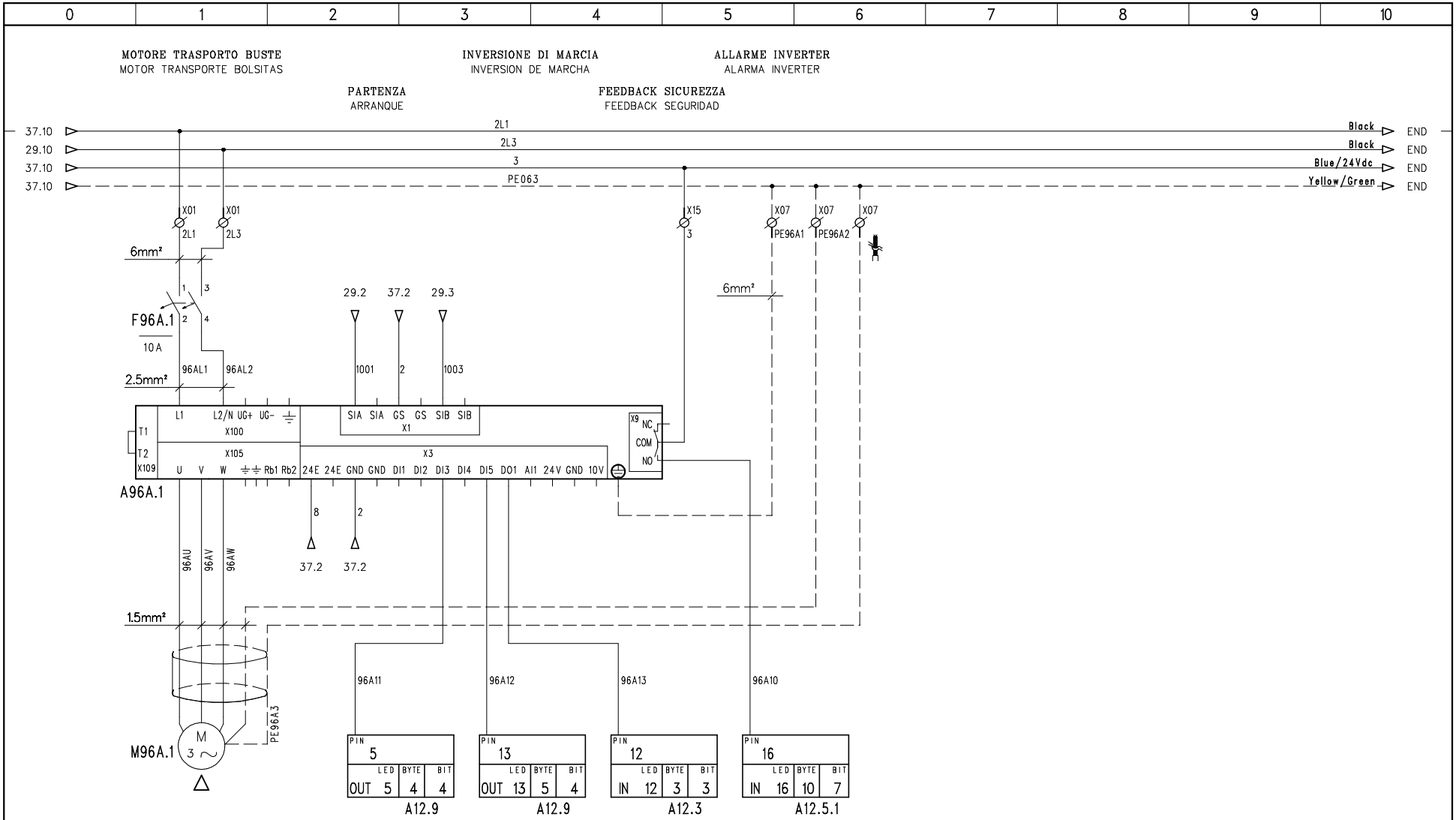

Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE A01
	CHD BY M.Bradamante	DESCRIPTION MOTORE TRASPORTO BUSTE / MOTOR TRANSPORTE BOLSITAS	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE 96A
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 40/97

0	1	2	3	4	5	6	7	8	9	10

PIN	LED	BYTE	BIT	
1	IN 1	0	0	A12.2
16	IN 16	1	7	A12.2

PIN	LED	BYTE	BIT	
5	IN 5	2	4	A12.3
9	IN 9	3	0	A12.3

PIN	LED	BYTE	BIT	
5	IN 5	4	4	A12.4
7	IN 7	4	6	A12.4
8	IN 8	4	7	A12.4
10	IN 10	5	1	A12.4
11	IN 11	5	2	A12.4
12	IN 12	5	3	A12.4
14	IN 14	5	5	A12.4
15	IN 15	5	6	A12.4

PIN	LED	BYTE	BIT	
5	IN 5	6	4	A12.5
6	IN 6	6	5	A12.5
7	IN 7	6	6	A12.5

PIN	LED	BYTE	BIT	
14	IN 14	10	5	A12.5.1

PIN	PIN +	LED	BYTE	BIT	
1	2	IN 1	8	0	A12.6
5	6	IN 2	8	1	A12.6
4	3	IN 3	8	2	A12.6

PIN	PE	−	+	LED	BYTE Status	WORD Value	
5	8	7	6	IN ANA 2	62	63	A12.11.1

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0	1	2	3	4	5	6	7	8	9	10

PIN	LED	BYTE	BIT	
12				
OUT	12	1	3	A12.7

PIN	LED	BYTE	BIT	
9				
OUT	9	3	0	A12.8

PIN	LED	BYTE	BIT	
1				
OUT	1	4	0	A12.9

PIN	LED	BYTE	BIT	
14				
OUT	14	5	5	A12.9

PIN +		PIN -		
3°		4°		
SAFETY OUT	LED 3	BYTE Status 407	BYTE 408	BIT 2 A12.29

PIN +		PIN -		
3°		4°		
SAFETY OUT	LED 3	BYTE Status 415	BYTE 416	BIT 2 A12.30

PIN	LED	BYTE	BIT	
15				
OUT	15	1	6	A12.7

PIN	LED	BYTE	BIT	
12				
OUT	12	3	3	A12.8

PIN	LED	BYTE	BIT	
2				
OUT	2	4	1	A12.9

PIN	LED	BYTE	BIT	
15				
OUT	15	5	6	A12.9

PIN +		PIN -		
7°		8°		
SAFETY OUT	LED 4	BYTE Status 407	BYTE 408	BIT 3 A12.29

PIN +		PIN -		
7°		8°		
SAFETY OUT	LED 4	BYTE Status 415	BYTE 416	BIT 3 A12.30

PIN	LED	BYTE	BIT	
15				
OUT	15	3	6	A12.8

PIN	LED	BYTE	BIT	
3				
OUT	3	4	2	A12.9

PIN	LED	BYTE	BIT	
16				
OUT	16	5	7	A12.9

PIN	LED	BYTE	BIT	
4				
OUT	4	4	3	A12.9

PIN	LED	BYTE	BIT	
8				
OUT	8	4	7	A12.9

PIN	LED	BYTE	BIT	
9				
OUT	9	5	0	A12.9

PIN	LED	BYTE	BIT	
10				
OUT	10	5	1	A12.9

PIN	LED	BYTE	BIT	
12				
OUT	12	5	3	A12.9

Schmucker MARCHESINI GROUP
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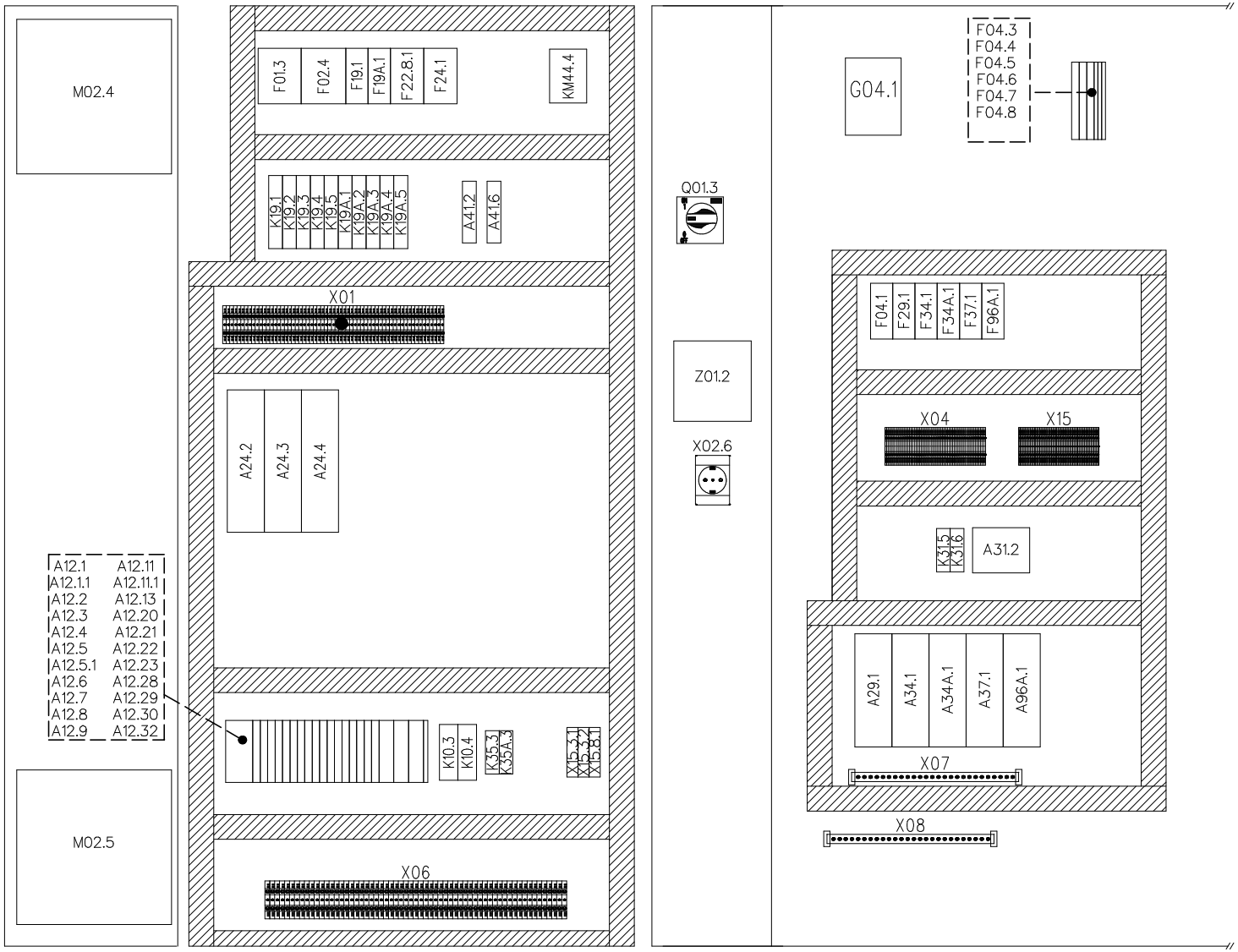
DRAWN BY	C.Cappello	MACHINE TYPE	BUSTINATRICE MÁQUINA ENSOBRADORA
CHD BY	M.Bradamante	DESCRIPTION	USCITE PLC NON UTILIZZATE SALIDAS PLC NON UTILIZADAS
DATE	30/03/2023	DIAGRAM POSITION	ES4220003.sch
DIAGRAM VERSION	1.0	NEXT PAGE	B00
PAGE	A02	TOTAL PAGES	42/97



FIANCO INTERNO SINISTRO
LADO INTERNO IZQUIERDO

FIANCO INTERNO DESTRO
LADO INTERNO DERECHO

ANTA DESTRA
POSTIGO DERECHA

Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE B01
	CHD BY M.Bradamante	DESCRIPTION DISPOSIZIONE COMPONENTI ARMADIO ELETTRICO / DISPOSICION DE COMPONENTES ARMARIO ELECTRICO	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE B00
	DATE 30/03/2023				TOTAL PAGES 43/97

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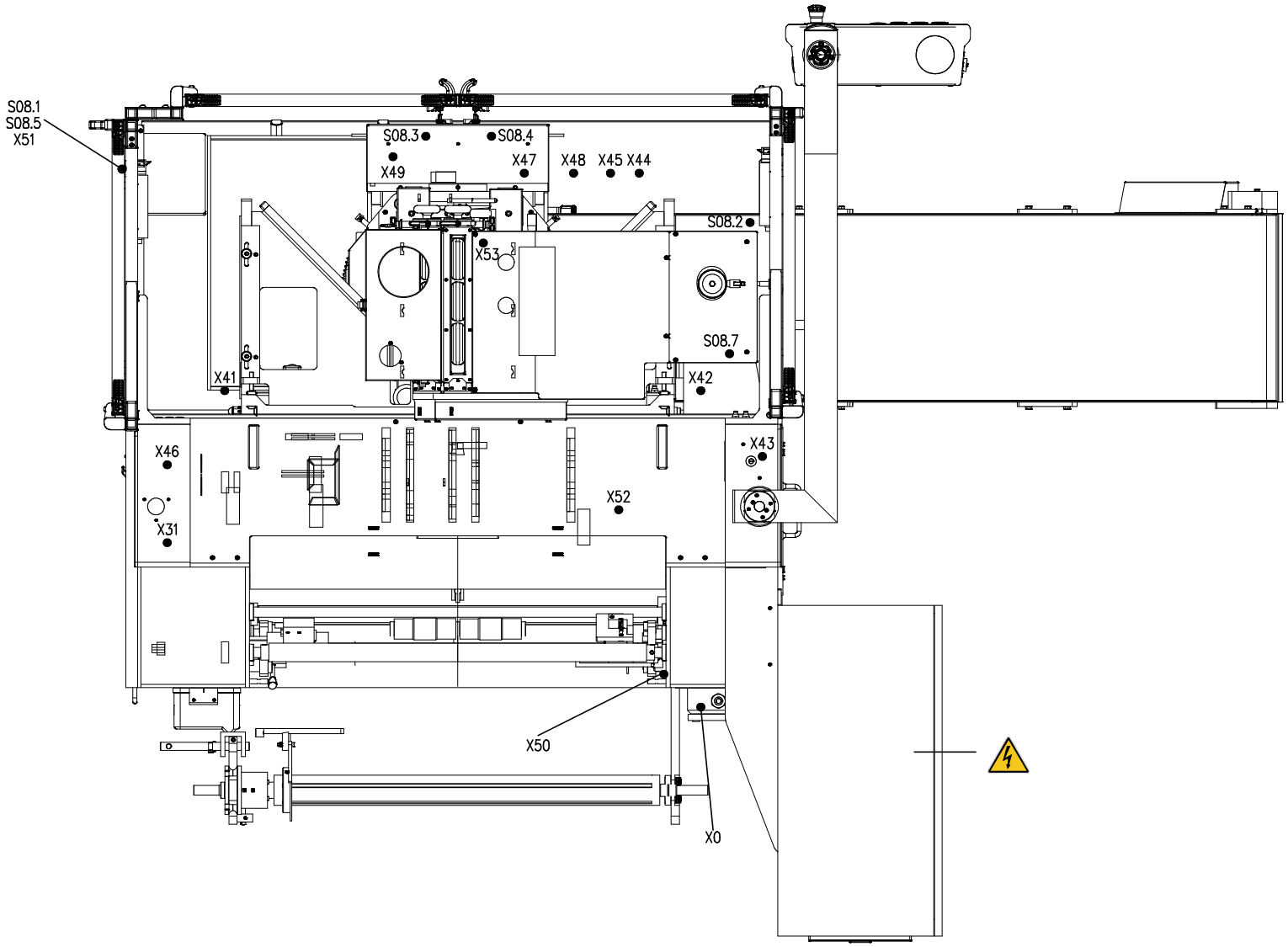
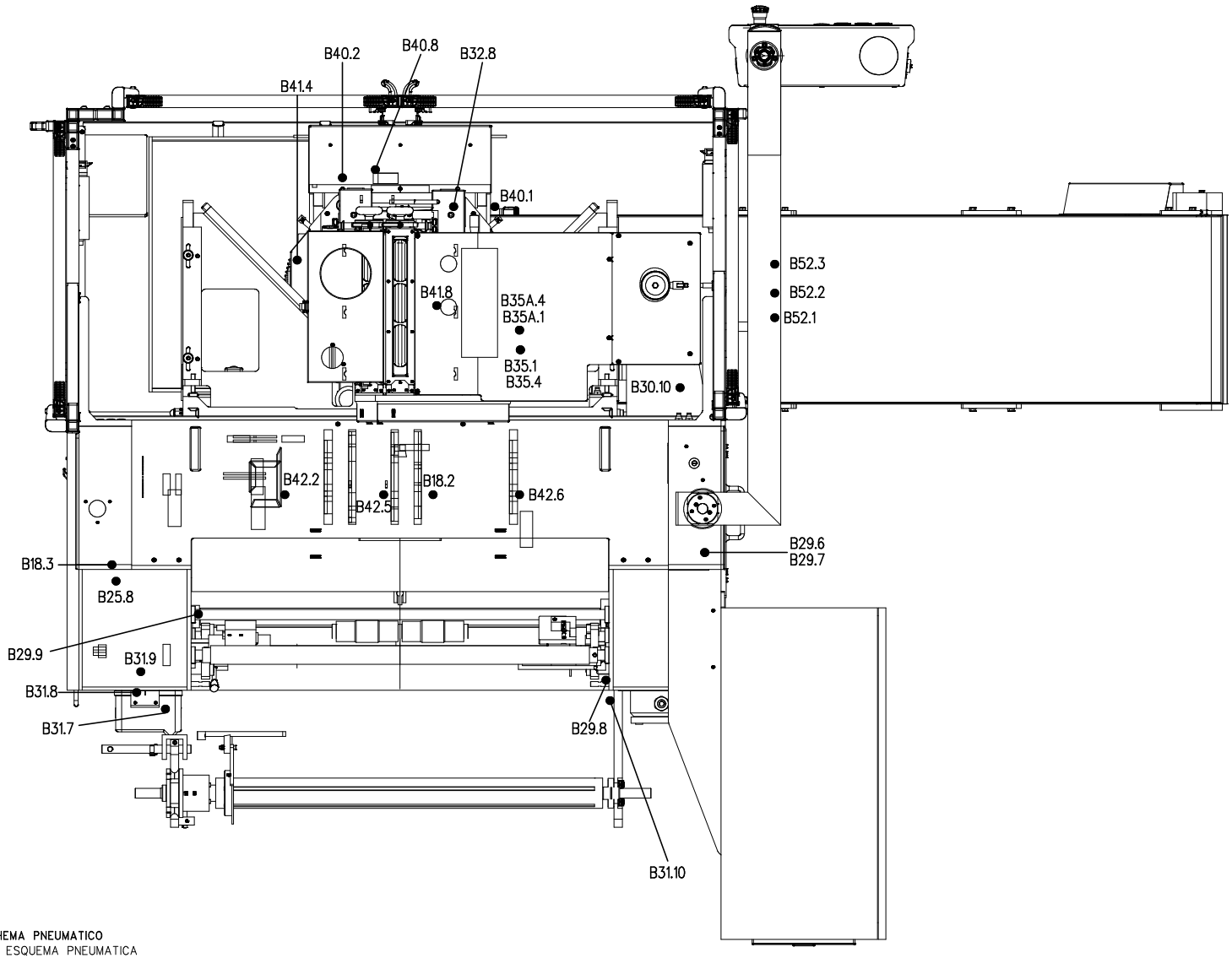
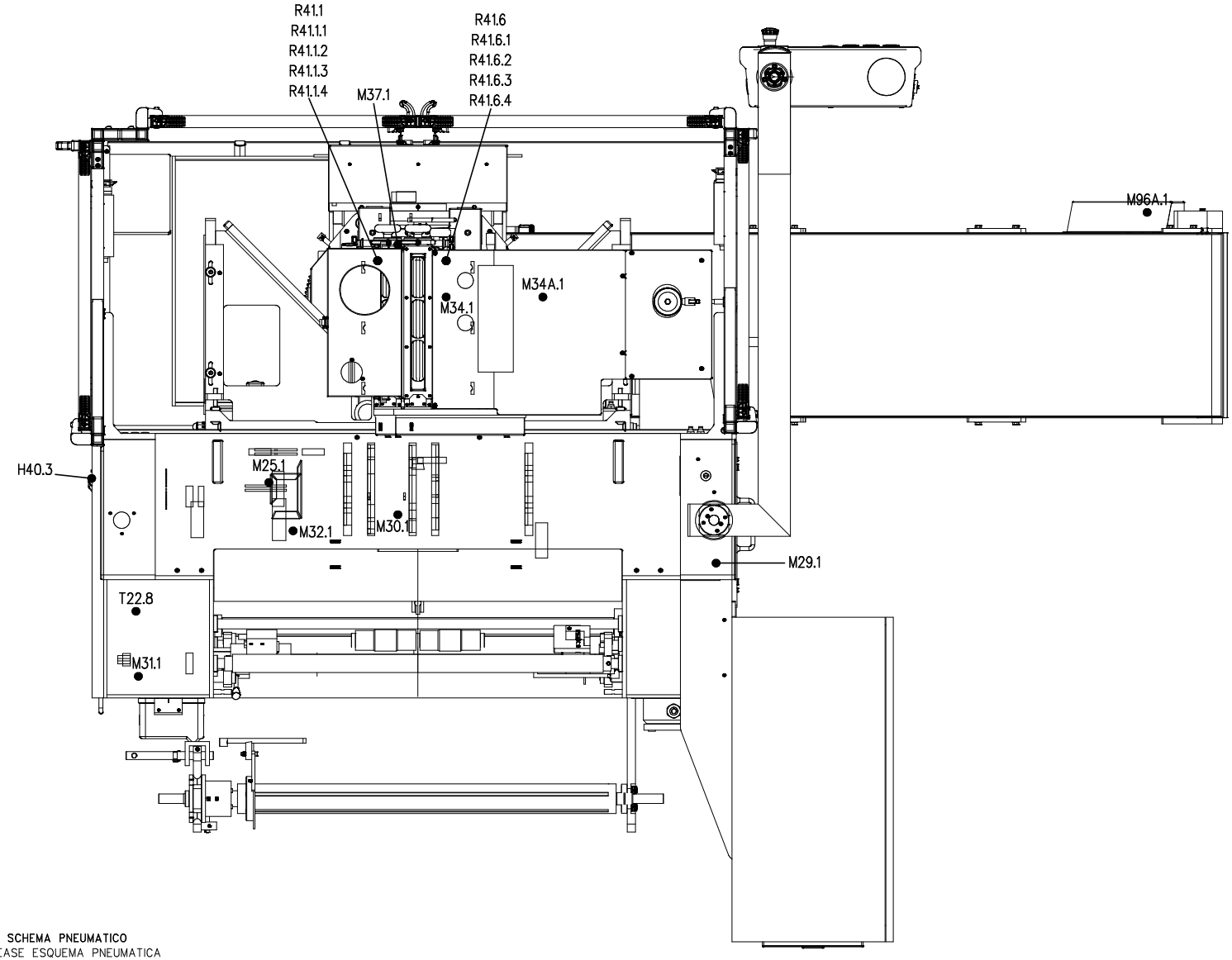


Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE B02
	CHD BY M.Bradamante	DESCRIPTION DISPOSIZIONE COMPONENTI EMERGENZE/CARTER/MORSETTIERE / DISPOSICION COMPONENTES EMERGENCIAS/CARTERES/CAJA DE BORNES	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE B01
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 44 /97



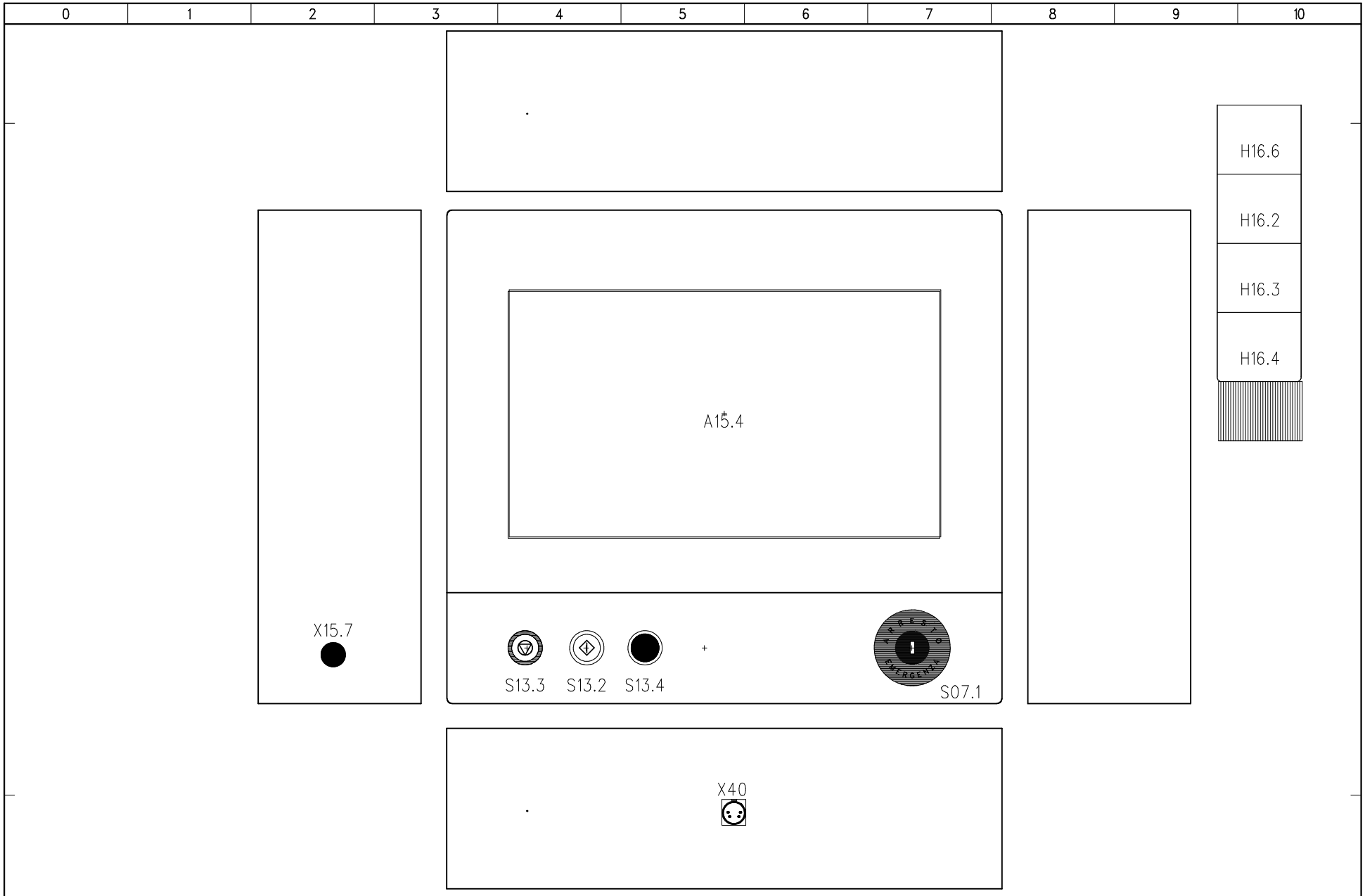
COMPONENTI PNEUMATICI ----> VEDI SCHEMA PNEUMATICO
COMPONENTES NEUMATICA ----> VEASE ESQUEMA PNEUMATICA

Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE B03
	CHD BY M.Bradamante	DESCRIPTION DISPOSIZIONE COMPONENTI DI INGRESSO / DISPOSICION COMPONENTES DE INGRESO	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE B02
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 45/97



COMPONENTI PNEUMATICI ----> VEDI SCHEMA PNEUMATICO
COMPONENTES NEUMATICA ----> VEASE ESQUEMA PNEUMATICA

Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE B04
	CHD BY M.Bradamante	DESCRIPTION DISPOSIZIONE COMPONENTI DI USCITA / DISPOSICION COMPONENTES DE SALIDA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE B03
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 46/97



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE P01–001
	CHD BY M.Bradamante	DESCRIPTION DISPOSIZIONE COMPONENTI DISPLAY / DISPOSICION COMPONENTES DISPLAY	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE B04
	DATE 30/03/2023				TOTAL PAGES 47/97

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0	1	2	3	4	5	6	7	8	9	10

PLC 16 INPUTS A12.2	Pin	Led	Byte	Bit	Comp. – Comp.		Denominazione – Denominacion	Posiz. – Posic.
	1	1	0	0				A01.0
	2	2	0	1	Y10.8	1018	FEEDBACK SCARICO ARIA COMPRESSA BUSTINATRICE FEEDBACK DESCARGADO AIRE COMPRIMIDO MÁQUINA ENSOBRADORA	10.7
	3	3	0	2	Y10.8	1022	FEEDBACK SCARICO ARIA COMPRESSA BUSTINATRICE FEEDBACK DESCARGADO AIRE COMPRIMIDO MÁQUINA ENSOBRADORA	10.9
	4	4	0	3	S13.2	1301	PULSANTE DI MARCIA PULSANTE DE MARCHA	13.2
	5	5	0	4	S13.3	1302	PULSANTE DI ARRESTO PULSANTE DE PARO	13.3
	6	6	0	5	S13.4	1303	PULSANTE DI RESET PULSANTE DE RESET	13.4
	7	7	0	6	S13.5	1304	MARCIA AD IMPULSI MANDO DE IMPULSOS	13.5
	8	8	0	7	S13.5	1305	MARCIA AD IMPULSI MANDO DE IMPULSOS	13.6
	9	9	1	0	S18.1	1801	CONTROLLO ARIA COMPRESSA CONTROL AIRE COMPRESA	18.1
	10	10	1	1	B18.2	1802	SCARICO PRESSIONE PIASTRE DESCARGA PRESION PLANCHAS	18.2
	11	11	1	2	B18.3	1803	VOLANTINO VOLANTE	18.3
	12	12	1	3	S18.5	1804	CONTROLLO PRESSIONE OLIO CONTROL DE LA PRESIO DE LACEITE	18.5
	13	13	1	4			RISERVA RESERVA	18.6
	14	14	1	5	B25.8	2501	POSIZIONE DI ZERO MOTORE MACCHINA POSICION DE CERO MOTOR MAQUINA	25.8
	15	15	1	6	B32.8	3201	POSIZIONE DI ZERO MOTORE TAGLIO CARTA POSICION DE CERO MOTOR CORTE PAPEL	32.8
	16	16	1	7				A01.0

PLC 16 INPUTS A12.3	Pin	Led	Byte	Bit	Comp. – Comp.		Denominazione – Denominacion	Posiz. – Posic.
	1	1	2	0	B29.6	2902	INIZIO SVOLGITURA COMIENZO DESENVOLVIMIENTO	29.7
	2	2	2	1	B29.7	2901	FINE SVOLGITURA FIN DE DESENVOLVIMIENTO	29.8
	3	3	2	2	B29.8	2903	CONTROLLO BOBINA CARTA CONTROL BOBINA PAPEL	29.9
	4	4	2	3	B29.9	2905	CONTROLLO GIUNZIONE BOBINA CONTROL EMPALME BOBINA	29.10
	5	5	2	4				A01.1
	6	6	2	5	B31.7	3110	FINECORSA BOBINA DESTRA FINAL DE CARRERA BOBINA DERECHA	31.7
	7	7	2	6	B31.8	3111	FINECORSA BOBINA SINISTRA FINAL DE CARRERA BOBINA IZQUIERDA	31.8
	8	8	2	7	B31.9	3112	CONTROLLO REGOLAZIONE BOBINA CONTROL REGULACION BOBINA	31.9
	9	9	3	0				A01.1
	10	10	3	1	B35.1	3501	CARICO MINIMO PRODOTTO CARGA MINIMA PRODUCTO	35.1
	11	11	3	2	B35.4	3504	CARICO MASSIMO PRODOTTO CARGA MAXIMA PRODUCTO	35.4
	12	12	3	3	A96A.1	96A13	FEEDBACK SICUREZZA FEEDBACK SEGURIDAD	96A.4
	13	13	3	4	B35A.1	35A01	CARICO MINIMO PRODOTTO CARGA MINIMA PRODUCTO	35A.1
	14	14	3	5	B35A.4	35A04	CARICO MASSIMO PRODOTTO CARGA MAXIMA PRODUCTO	35A.4
	15	15	3	6	B40.1	4001	CHIUSURA PIASTRE SALDANTI SINISTRA CIERRE PLANCHAS SOLDANTES IZQUIERDA	40.1
	16	16	3	7	B40.2	4002	CHIUSURA PIASTRE SALDANTI DESTRO CIERRE PLANCHAS SOLDANTES DERECHO	40.2

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0	1	2	3	4	5	6	7	8	9	10

PLC 16 INPUTS A12.4	Pin	Led	Byte	Bit	Comp. – Comp.		Denominazione – Denominacion	Posiz. – Posic.
	1	1	4	0	B40.8	4009	CONTROLLO BLOCCO PIASTRE CONTROL BLOQUEO PLANCHAS	40.8
	2	2	4	1	KM44.4	4408	RESISTENZE INSERITE RESISTENCIAS INSERTADAS	44.5
	3	3	4	2	B42.1	4201	PRESSIONE SALDATURA PRESION SOLDADURA	42.1
	4	4	4	3	B42.2	4202	CONTROLLO DOSATA DESTRA CONTROL AREGLADA LA DOSIS DERECHA	42.2
	5	5	4	4				A01.3
	6	6	4	5	S52.9	5209	SCIVOLO POSIZIONE SCARTO DESLIZADERO POSICION EXPULSION	52.9
	7	7	4	6				A01.3
	8	8	4	7				A01.3
	9	9	5	0	B42.5	4205	CONTROLLO INNESTO DOSATORE CONTROL ACOPLAMIENTO AREGLADOR DE LAS DOSIS	42.5
	10	10	5	1				A01.3
	11	11	5	2				A01.3
	12	12	5	3				A01.3
	13	13	5	4	B42.6	4206	CONTROLLO DOSATA SINISTRA CONTROL AREGLADA LA DOSIS IZQUIERDA	42.6
	14	14	5	5				A01.3
	15	15	5	6				A01.3
	16	16	5	7	S42.0	4210	CONTROLLO SGANCIO DOSATORE PRODOTTO "B" CONTROL DESENGANCHO AREGLADOR DE LAS DOSIS PRODUCTO "B"	42.0

PLC 16 INPUTS A12.5	Pin	Led	Byte	Bit	Comp. – Comp.		Denominazione – Denominacion	Posiz. – Posic.
	1	1	6	0	B52.1	5201	CONTROLLO SCARTO PISTA 1 CONTROL EXPULSION PISTA 1	52.1
	2	2	6	1	B52.2	5202	CONTROLLO SCARTO PISTA 2 CONTROL EXPULSION PISTA 2	52.2
	3	3	6	2	B52.3	5203	CONTROLLO SCARTO PISTA 3 CONTROL EXPULSION PISTA 3	52.3
	4	4	6	3	A29.1	2913	FEEDBACK SICUREZZA FEEDBACK SEGURIDAD	29.3
	5	5	6	4				A01.5
	6	6	6	5				A01.5
	7	7	6	6				A01.5
	8	8	6	7	A34.1	3413	FEEDBACK FEEDBACK	34.3
	9	9	7	0	A37.1	3713	FEEDBACK FEEDBACK	37.3
	10	10	7	1	A34A.1	34A13	FEEDBACK FEEDBACK	34A.3
	11	11	7	2		3407	RISERVA RESERVA	34.7
	12	12	7	3		3408	RISERVA RESERVA	34.8
	13	13	7	4		34A07	RISERVA RESERVA	34A.7
	14	14	7	5		34A08	RISERVA RESERVA	34A.8
	15	15	7	6	K10.3	1012	FEEDBACK FEEDBACK	10.3
	16	16	7	7	K10.4	1014	FEEDBACK FEEDBACK	10.4

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0	1	2	3	4	5	6	7	8	9	10

PLC 16 INPUTS

A12.5.1

Pin	Led	Byte	Bit	Comp. – Comp.		Denominazione – Denominacion	Posiz. – Posic.
1	1	9	0	K19.1	1901	CONTROLLO RESISTENZA 1 PIASTRA DESTRA CONTROL RESISTENCIA 1 PLANCHA DERECHA	19.2
2	2	9	1	K19.2	1902	CONTROLLO RESISTENZA 2 PIASTRA DESTRA CONTROL RESISTENCIA 2 PLANCHA DERECHA	19.4
3	3	9	2	K19.3	1903	CONTROLLO RESISTENZA 3 PIASTRA DESTRA CONTROL RESISTENCIA 3 PLANCHA DERECHA	19.5
4	4	9	3	K19.4	1904	CONTROLLO RESISTENZA 4 PIASTRA DESTRA CONTROL RESISTENCIA 4 PLANCHA DERECHA	19.7
5	5	9	4	K19.5	1905	CONTROLLO RESISTENZA 5 PIASTRA DESTRA CONTROL RESISTENCIA 5 PLANCHA DERECHA	19.8
6	6	9	5	K19A.1	19A01	CONTROLLO RESISTENZA 1 PIASTRA SINISTRA CONTROL RESISTENCIA 1 PLANCHA IZQUIERDA	19A.2
7	7	9	6	K19A.2	19A02	CONTROLLO RESISTENZA 2 PIASTRA SINISTRA CONTROL RESISTENCIA 2 PLANCHA IZQUIERDA	19A.4
8	8	9	7	K19A.3	19A03	CONTROLLO RESISTENZA 3 PIASTRA SINISTRA CONTROL RESISTENCIA 3 PLANCHA IZQUIERDA	19A.5
9	9	10	0	K19A.4	19A04	CONTROLLO RESISTENZA 4 PIASTRA SINISTRA CONTROL RESISTENCIA 4 PLANCHA IZQUIERDA	19A.7
10	10	10	1	K19A.5	19A05	CONTROLLO RESISTENZA 5 PIASTRA SINISTRA CONTROL RESISTENCIA 5 PLANCHA IZQUIERDA	19A.8
11	11	10	2	A29.1	2910	ALLARME INVERTER ALARMA INVERTER	29.5
12	12	10	3	A34.1	3410	ALLARME INVERTER ALARMA INVERTER	34.5
13	13	10	4	A37.1	3710	ALLARME INVERTER ALARMA INVERTER	37.5
14	14	10	5				A01.6
15	15	10	6	A34A.1	34A10	ALLARME INVERTER ALARMA INVERTER	34A.5
16	16	10	7	A96A.1	96A10	ALLARME INVERTER ALARMA INVERTER	96A.5

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0	1	2	3	4	5	6	7	8	9	10

PLC 4 INPUTS A12.6	Pin	Led	Byte	Bit	Comp. – Comp.		Denominazione – Denominacion	Posiz. – Posic.
	1	1	8	0				A01.8
	5	2	8	1				A01.8
	4	3	8	2				A01.8
	8	4	8	3	B30.10	3001	TACCA TRASCINAMENTO CARTA MUESCA ARRASTRE PAPEL	30.10

PLC 16 OUTPUTS A12.7	Pin	Led	Byte	Bit	Comp. – Comp.		Denominazione – Denominacion	Posiz. – Posic.
	1	1	0	0	H16.6	1604	AVVISATORE ACUSTICO AVISADOR ACUSTICO	16.7
	2	2	0	1	H16.4	1603	MACCHINA IN MARCIA/RIPARTENZA AUTOMATICA MAQUINA EN MARCHA/REPARTENCIA AUTOMATICA	16.4
	3	3	0	2	H16.2	1601	ARRESTO MACCHINA PARO MAQUINA	16.2
	4	4	0	3	H16.3	1602	CARICHI MINIMI CARGAS MINIMAS	16.3
	5	5	0	4	A29.1	2911	PARTENZA ARRANQUE	29.2
	6	6	0	5	A34.1	3411	PARTENZA ARRANQUE	34.2
	7	7	0	6	A34A.1	34A11	PARTENZA ARRANQUE	34A.2
	8	8	0	7	K31.5	3108	COMANDO CENTRATURA BOBINA DESTRA MANDO CENTRADO BOBINA DERECHA	31.5
	9	9	1	0	K31.6	3109	COMANDO CENTRATURA BOBINA SINISTRA MANDO CENTRADO BOBINA IZQUIERDA	31.6
	10	10	1	1	Y35.2	3502	COMANDO RASATORE MANDO DEL RASERO	35.2
	11	11	1	2	K35.3	3503	PRELEVAMENTO PRODOTTO RETIRO PRODUCTO	35.3
	12	12	1	3				A02.0
	13	13	1	4	K35A.3	35A03	PRELEVAMENTO PRODOTTO RETIRO PRODUCTO	35A.3
	14	14	1	5	A37.1	3711	PARTENZA ARRANQUE	37.2
	15	15	1	6				A02.0
	16	16	1	7	H40.3	4003	FASE COMANDO PIASTRA FASE MANDO PLANCHA	40.3

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0	1	2	3	4	5	6	7	8	9	10

PLC 16 OUTPUTS A12.8	Pin	Led	Byte	Bit	Comp. – Comp.		Denominazione – Denominacion	Posiz. – Posic.
	1	1	2	0			RISERVA RESERVA	42.8
	2	2	2	1	Y40.5	4006	BLOCCO PIASTRE BLOQUEO PLANCHAS	40.5
	3	3	2	2	Y40.6	4007	CHIUSURA PIASTRE SALDANTI SINISTRA CIERRE PLANCHAS SOLDANTES IZQUIERDA	40.6
	4	4	2	3	Y40.7	4008	CHIUSURA PIASTRE SALDANTI DESTRO CIERRE PLANCHAS SOLDANTES DERECHO	40.7
	5	5	2	4	Y42.3	4203	COMANDO DOSATORE MANDO AREGLADOR DE LAS DOSIS	42.3
	6	6	2	5	Y42.4	4204	COMANDO SALDATURA BUSTE MANDO DE SOLDADURA DE LAS BOLSITAS	42.4
	7	7	2	6			RISERVA RESERVA	43.8
	8	8	2	7			RISERVA RESERVA	43.3
	9	9	3	0				A02.1
	10	10	3	1			RISERVA RESERVA	43.5
	11	11	3	2	Y43.6	4306	COMANDO FLAP PROTEZIONE CATENA MANDO DESVIADOR PROTECION CADENA	43.6
	12	12	3	3				A02.1
	13	13	3	4			RISERVA RESERVA	43.7
	14	14	3	5	Y42.0	4200	SGANCIO DOSATORE PRODOTTO "B" DESENGANCHO AREGLADOR DE LAS DOSIS PRODUCTO "B"	42.0
	15	15	3	6				A02.1
	16	16	3	7	Y42.7	4207	SOFFIO RAFFREDDAMENTO CARTA SOPLO EINFRIAMIENTO PAPEL	42.7

PLC 16 OUTPUTS A12.9	Pin	Led	Byte	Bit	Comp. – Comp.		Denominazione – Denominacion	Posiz. – Posic.
	1	1	4	0				A02.3
	2	2	4	1				A02.3
	3	3	4	2				A02.3
	4	4	4	3				A02.3
	5	5	4	4	A96A.1	96A11	PARTENZA ARRANQUE	96A.2
	6	6	4	5	A41.2	4102	COMANDO RISCALDAMENTO PIASTRA DESTRA MANDO CALENTAMIENTO PLANCHA DERECHA	41.2
	7	7	4	6	A41.6	4107	COMANDO RISCALDAMENTO PIASTRA SINISTRA MANDO CALENTAMIENTO PLANCHA IZQUIERDA	41.7
	8	8	4	7				A02.3
	9	9	5	0				A02.3
	10	10	5	1				A02.3
	11	11	5	2	KM44.4	4407	CONTROLLO RESISTENZE CONTROL RESISTENCIAS	44.4
	12	12	5	3				A02.3
	13	13	5	4	A96A.1	96A12	INVERSIONE DI MARCIA INVERSION DE MARCHA	96A.3
	14	14	5	5				A02.4
	15	15	5	6				A02.4
	16	16	5	7				A02.4

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0	1	2	3	4	5	6	7	8	9	10

PLC 2 PT100 INPUTS A12.11	Pin	Led	Word Status	Word Value	Comp. – Comp.		Denominazione – Denominacion	Posiz .– Posic.
	1	1	28	30	B41.4	4103	CONTROLLO TEMPERATURA PIASTRA DESTRA CONTROL TEMPERATURA PLANCHA DERECHA	41.4
	5	2	32	34	B41.8	4108	CONTROLLO TEMPERATURA PIASTRA SINISTRA CONTROL TEMPERATURA PLANCHA IZQUIERDA	41.9

PLC 2 ANALOG INPUTS A12.11.1	Pin	Led	Byte Status	Word Value	Comp. – Comp.		Denominazione – Denominacion	Posiz .– Posic.
	1	1	60	61	B31.10	3113	CENTRATURA AUTOMATICA CENTRADO AUTOMATICA	31.10
	5	2	62	63				A01.9

PLC 4 ANALOG OUTPUTS A12.13	Pin	Led	Word	Comp. – Comp.		Denominazione – Denominacion	Posiz .– Posic.
	1	1	100	A29.1	2914	REGOLAZIONE VELOCITA' REGULACION VELOCIDAD	29.4
	5	2	102	A34.1	3414	REGOLAZIONE VELOCITA' REGULACION VELOCIDAD	34.4
	3	3	104	A37.1	3714	REGOLAZIONE VELOCITA' REGULACION VELOCIDAD	37.4
	7	4	106	A34A.1	34A14	REGOLAZIONE VELOCITA' REGULACION VELOCIDAD	34A.4

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0	1	2	3	4	5	6	7	8	9	10

	Pin	Led	Byte Status	Byte	Bit	Comp. – Comp.		Denominazione – Denominacion	Posiz. – Posic.
SWITCH 2	1 2	1	299	300	0.0	S07.1	701 702	EMERGENZA PANNELLO EMERGENCIA PANEL	07.1
PLC 8 INPUTS SAFETY A12.21	9 10	9	299	300	0.2	S07.1	703 704	EMERGENZA PANNELLO EMERGENCIA PANEL	07.2
	3 4	2	299	300	0.4	SPAREEM 1	705 705	RISERVA RESERVA	07.3
	11 12	10	299	300	0.6	SPAREEM 1	707 707	RISERVA RESERVA	07.5
	5 6	3	299	300	1.0	SPAREEM 2	709 709	RISERVA RESERVA	07.6
	13 14	11	299	300	1.2	SPAREEM 2	711 711	RISERVA RESERVA	07.7
	7 8	4	299	300	1.4	SPAREEM 3	713 713	RISERVA RESERVA	07.8
	15 16	12	299	300	1.6	SPAREEM 3	715 715	RISERVA RESERVA	07.9

SWITCH 3	1 2	1	309	310	0.0	S08.1	801	CARTER MACCHINA ANTERIORE LATERALE DESTRO CARTER MAQUINA ANTERIORE LATERAL DERECHA	08.0
PLC 8 INPUTS SAFETY A12.22	9 10	9	309	310	0.2	S08.1	802	CARTER MACCHINA ANTERIORE LATERALE DESTRO CARTER MAQUINA ANTERIORE LATERAL DERECHA	08.1
	3 4	2	309	310	0.4	S08.2	803	CARTER MACCHINA ANTERIORE LATERALE SINISTRO CARTER MAQUINA ANTERIORE LATERAL IZQUIERDO	08.2
	11 12	10	309	310	0.6	S08.2	804	CARTER MACCHINA ANTERIORE LATERALE SINISTRO CARTER MAQUINA ANTERIORE LATERAL IZQUIERDO	08.3
	5 6	3	309	310	1.0	S08.3	805	CARTER MACCHINA ANTERIORE DESTRO CARTER MAQUINA ANTERIOR DERECHA	08.5
	13 14	11	309	310	1.2	S08.3	806	CARTER MACCHINA ANTERIORE DESTRO CARTER MAQUINA ANTERIOR DERECHA	08.6
	7 8	4	309	310	1.4	S08.4	807	CARTER MACCHINA ANTERIORE SINISTRO CARTER MAQUINA ANTERIOR IZQUIERDO	08.7
	15 16	12	309	310	1.6	S08.4	808	CARTER MACCHINA ANTERIORE SINISTRO CARTER MAQUINA ANTERIOR IZQUIERDO	08.8

SWITCH 4	1 2	1	319	320	0.0	S08.5	809	CARTER MACCHINA POSTERIORE DESTRO CARTER MAQUINA POSTERIOR DERECHO	08.0
PLC 8 INPUTS SAFETY A12.23	9 10	9	319	320	0.2	S08.5	810	CARTER MACCHINA POSTERIORE DESTRO CARTER MAQUINA POSTERIOR DERECHO	08.1
	3 4	2	319	320	0.4	SPARERFID 1	811 811	RISERVA RESERVA	08.2
	11 12	10	319	320	0.6	SPARERFID 1	812 812	RISERVA RESERVA	08.4
	5 6	3	319	320	1.0	S08.7	813	CARTER CARICATORE CARTER CARGADOR	08.5
	13 14	11	319	320	1.2	S08.7	814	CARTER CARICATORE CARTER CARGADOR	08.6
	7 8	4	319	320	1.4	SPARERFID 2	815 815	RISERVA RESERVA	08.7
	15 16	12	319	320	1.6	SPARERFID 2	816 816	RISERVA RESERVA	08.8

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	Pin	Led	Byte Status	Byte	Bit	Comp. – Comp.		Denominazione – Denominacion	Posiz. – Posic.
SWITCH 9	1° 2°	1	399	400	0	K10.3	1004 1005	SICUREZZA BUSTINATRICE SEGURIDAD MAQUINA ENSOBRADORA	10.3
PLC 4 OUTPUTS SAFETY A12.28	5° 6°	2	399	400	1	K10.4	1006 1007	SICUREZZA BUSTINATRICE SEGURIDAD MAQUINA ENSOBRADORA	10.4
	3° 4°	3	399	400	2	Y10.8	1016 1017	SCARICO ARIA COMPRESSA BUSTINATRICE DESCARGADO AIRE COMPRIMIDO MAQUINA ENSOBRADORA	10.6
	7° 8°	4	399	400	3	Y10.8	1020 1021	SCARICO ARIA COMPRESSA BUSTINATRICE DESCARGADO AIRE COMPRIMIDO MAQUINA ENSOBRADORA	10.8
SWITCH 10	1° 2°	1	407	408	0		1001	SICUREZZA BUSTINATRICE SEGURIDAD MAQUINA ENSOBRADORA	10.0
PLC 4 OUTPUTS SAFETY A12.29	5° 6°	2	407	408	1		1003	SICUREZZA BUSTINATRICE SEGURIDAD MAQUINA ENSOBRADORA	10.2
	3° 4°	3	407	408	2				A02.6
	7° 8°	4	407	408	3				A02.6
SWITCH 11	1° 2°	1	415	416	0		1031	SICUREZZA DOSATORE SEGURIDAD AREGLADOR DE LAS DOSIS	10.6
PLC 4 OUTPUTS SAFETY A12.30	5° 6°	2	415	416	1		1033	SICUREZZA DOSATORE SEGURIDAD AREGLADOR DE LAS DOSIS	10.7
	3° 4°	3	415	416	2				A02.7
	7° 8°	4	415	416	3				A02.7

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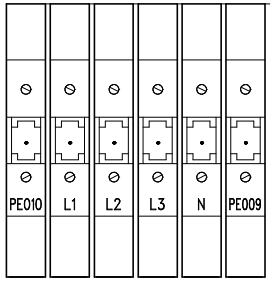

Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE MÁQUINA ENSOBRADORA				NEXT PAGE X01–001
	CHD BY M.Bradamante	DESCRIPTION MORSETTIERA DI LINEA CAJA DE BORNES DE LINEA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0		PAGE X0–001
	DATE 30/03/2023					TOTAL PAGES 56/97

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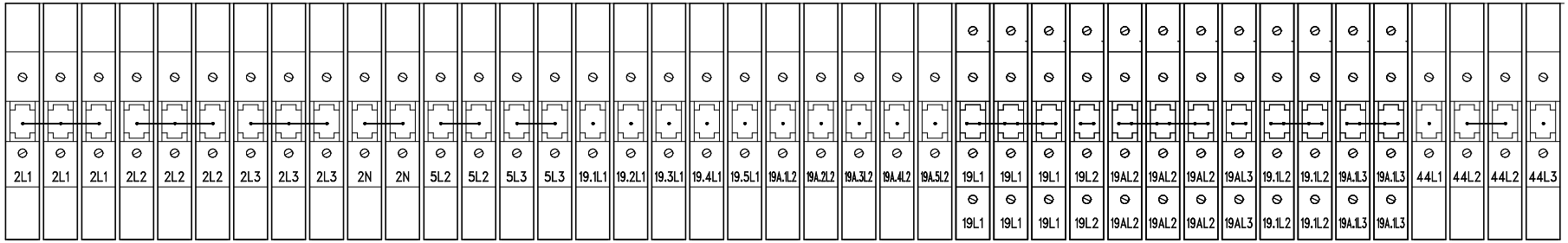

Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE X01–002
	CHD BY M.Bradamante	DESCRIPTION MORSETTIERA DI POTENZA QUADRO ELETTRICO / CAJA DE BORNES DE POTENCIA CUADRO ELECTRICO	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X01–001
	DATE 30/03/2023				TOTAL PAGES 57/97

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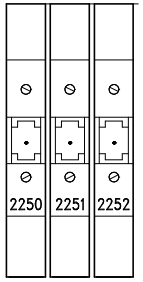
X01



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE X02–001
	CHD BY M.Bradamante	DESCRIPTION MORSETTIERA DI POTENZA QUADRO ELETTRICO CAJA DE BORNES DE POTENCIA CUADRO ELECTRICO	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X01–002
	DATE 30/03/2023				TOTAL PAGES 58/97

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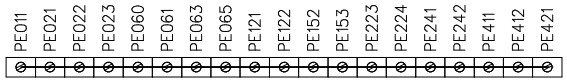
X02



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE X04–001
	CHD BY M.Bradamante	DESCRIPTION BARRA DI TERRA / BARRA DE TIERRA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X02–001
	DATE 30/03/2023				TOTAL PAGES 59/97

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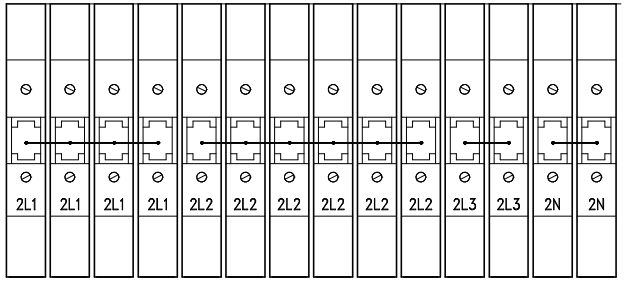

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DRAWN BY C.Cappello	MACHINE TYPE	BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE X06–001
CHD BY M.Bradamante	DESCRIPTION	MORSETTIERA AZIONAMENTI CAJA DE BORNES ACCIONAMENTOS	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X04–001
DATE 30/03/2023					TOTAL PAGES 60/97

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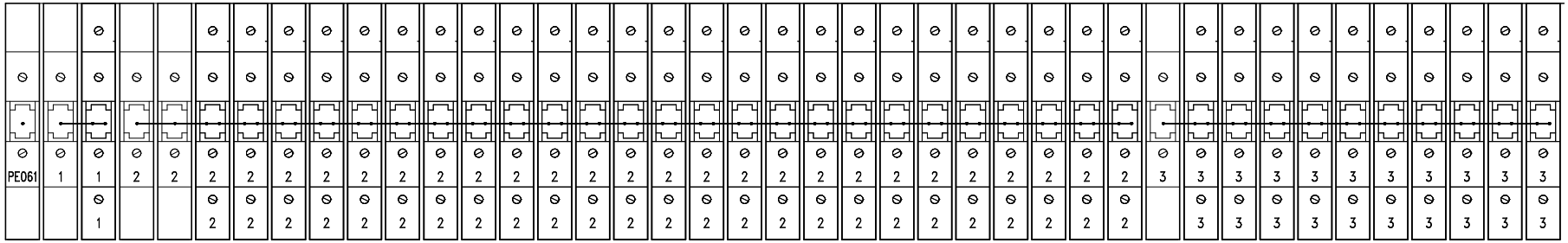
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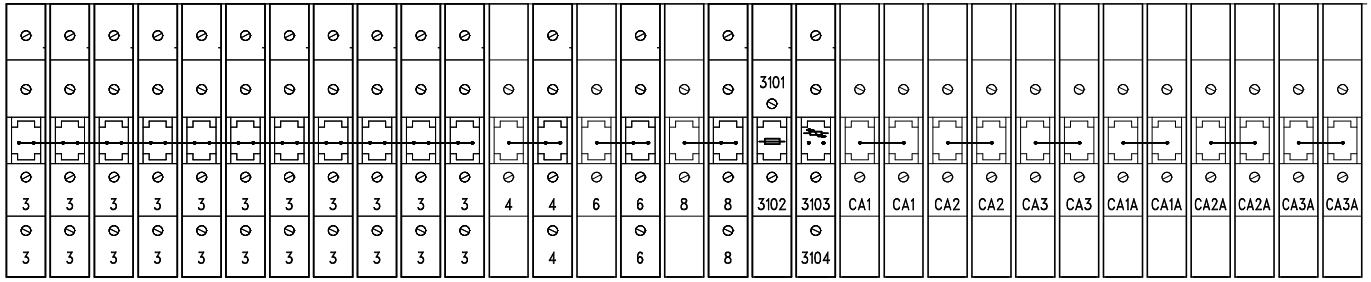
X06



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE X07–001
	CHD BY M.Bradamante	DESCRIPTION MORSETTIERA QUADRO ELETTRICO SEGNALI / CAJA DE BORNES CUADRO ELECTRICO SEÑALS	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X06–002
	DATE 30/03/2023				TOTAL PAGES 62/97

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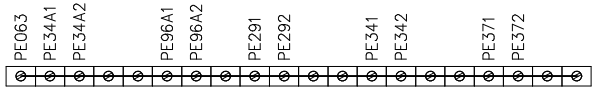
X07



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE X08–001
	CHD BY M.Bradamante	DESCRIPTION BARRA DI TERRA INVERTER / BARRA DE TIERRA INVERTER	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X07–001
	DATE 30/03/2023				TOTAL PAGES 63/97

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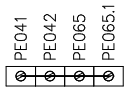
0	1	2	3	4	5	6	7	8	9	10

X08



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE X15–001
	CHD BY M.Bradamante	DESCRIPTION BARRA DI TERRA QUADRO ELETTRICO / BARRA DE TIERRA CUADRO ELECTRICO	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X08–001
	DATE 30/03/2023				TOTAL PAGES 64 /97

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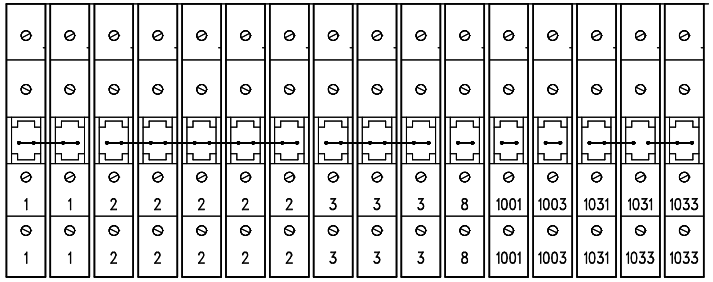
X15



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DRAWN BY C.Cappello	MACHINE TYPE	BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE X31–001
CHD BY M.Bradamante	DESCRIPTION	MORSETTIERA INVERTER CAJA DE BORNES INVERTER	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X15–001
DATE 30/03/2023					TOTAL PAGES 65/97

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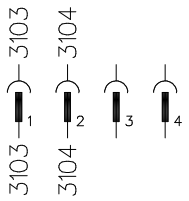

Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE X40–001
	CHD BY M.Bradamante	DESCRIPTION CONNETTORE CENTRATURA BOBINA / CONECTOR CENTRADO BOBINA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X31–001
	DATE 30/03/2023				TOTAL PAGES 66/97

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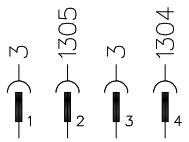
0	1	2	3	4	5	6	7	8	9	10

X40



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE X41–001
	CHD BY M.Bradamante	DESCRIPTION CONNETTORE MARCIA AD IMPULSI CONECTOR MANDO DE IMPULSOS	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X40–001
	DATE 30/03/2023				TOTAL PAGES 67/97

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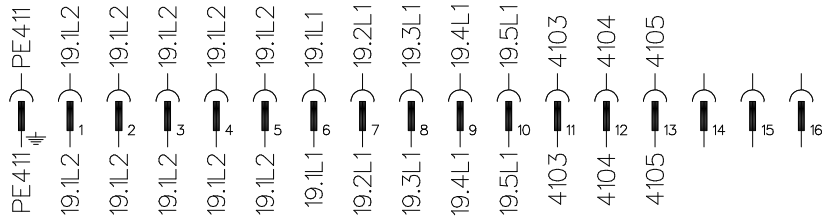
X41



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE X42-001
	CHD BY M.Bradamante	DESCRIPTION CONNETTORE CONTROLLO RESISTENZE / CONECTOR CONTROL RESISTENCIA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X41-001
	DATE 30/03/2023				TOTAL PAGES 68/97

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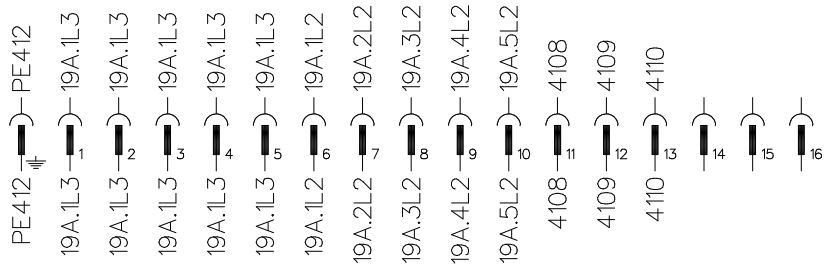
X42



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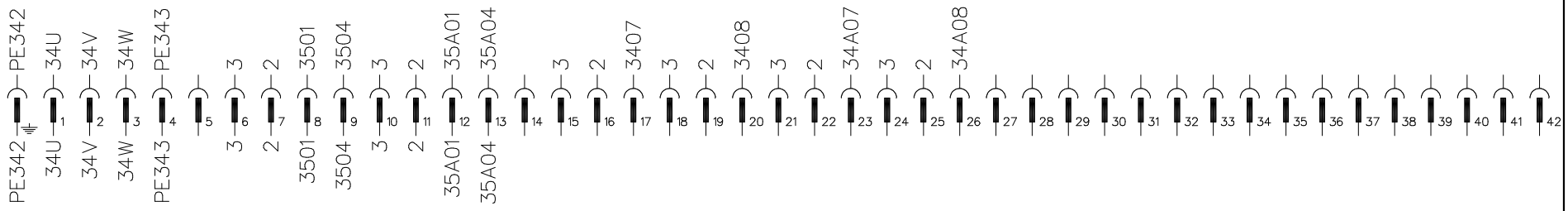
DRAWN BY C.Cappello	MACHINE TYPE	BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE X43–001
CHD BY M.Bradamante	DESCRIPTION	CONNETTORE CONTROLLO RESISTENZE CONECTOR CONTROL RESISTENCIA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X42–001
DATE 30/03/2023					TOTAL PAGES 69/97

0	1	2	3	4	5	6	7	8	9	10

X43



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE X44-001
	CHD BY M.Bradamante	DESCRIPTION CONNETTORE CARICAMENTO PRODOTTO / CONECTOR CARGAMENTO PRODUCTO	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X43-001
	DATE 30/03/2023				TOTAL PAGES 70/97

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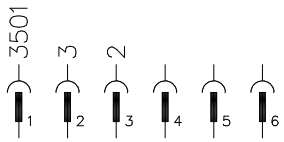
0	1	2	3	4	5	6	7	8	9	10

X44



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE X45-001
	CHD BY M.Bradamante	DESCRIPTION CONNETTORE CARICO MINIMO / CONECTOR CARGA MINIMA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X44-001
	DATE 30/03/2023				TOTAL PAGES 71/97

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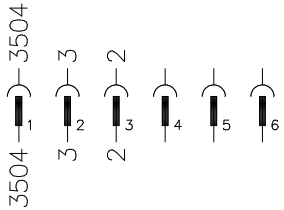
X45



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE X46–001
	CHD BY M.Bradamante	DESCRIPTION CONNETTORE CARICO MASSIMO CONECTOR CARGA MAXIMA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X45–001
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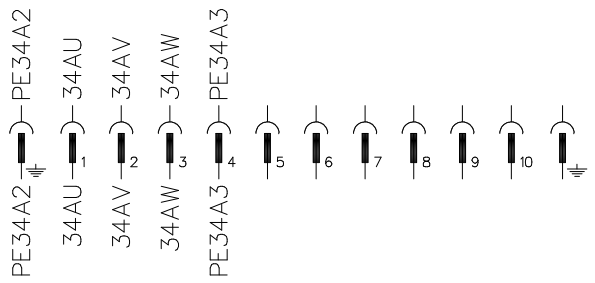
0	1	2	3	4	5	6	7	8	9	10

X46



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE X47–001
	CHD BY M.Bradamante	DESCRIPTION CONNETTORE CARICAMENTO PRODOTTO / CONECTOR CARGAMENTO PRODUCTO	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X46–001
	DATE 30/03/2023				TOTAL PAGES 73/97

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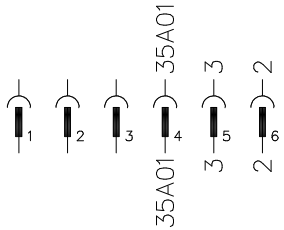
0	1	2	3	4	5	6	7	8	9	10

X47



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE X48–001
	CHD BY M.Bradamante	DESCRIPTION CONNETTORE CARICO MINIMO PRODOTTO CONECTOR CARGA MINIMA PRODUCTO	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X47–001
	DATE 30/03/2023				TOTAL PAGES 74 /97

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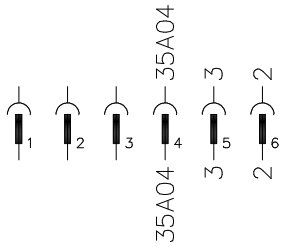
0	1	2	3	4	5	6	7	8	9	10

X48



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE X49–001
	CHD BY M.Bradamante	DESCRIPTION CONNETTORE CARICO MASSIMO PRODOTTO CONECTOR CARGA MAXIMA PRODUCTO	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X48–001
	DATE 30/03/2023				TOTAL PAGES 75/97

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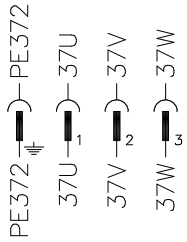
0	1	2	3	4	5	6	7	8	9	10

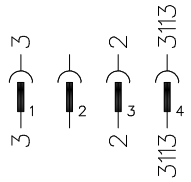
X49



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE X50–001
	CHD BY M.Bradamante	DESCRIPTION CONNETTORE VIBRATORE / CONECTOR VIBRADOR	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X49–001
ALL RIGHTS RESERVED	DATE 30/03/2023				TOTAL PAGES 76/97

0	1	2	3	4	5	6	7	8	9	10

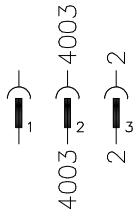
X50



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE	BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE X51–001
	CHD BY M.Bradamante	DESCRIPTION	CONNETTORE CENTRATURA BOBINA CONECTOR CENTRADO BOBINA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X50–001
ALL RIGHTS RESERVED	DATE 30/03/2023					TOTAL PAGES 77/97

0	1	2	3	4	5	6	7	8	9	10

X51



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE X52–001
	CHD BY M.Bradamante	DESCRIPTION CONNETTORE CONECTOR	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X51–001
	DATE 30/03/2023				TOTAL PAGES 78/97

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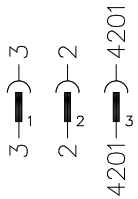
0	1	2	3	4	5	6	7	8	9	10

X52



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE X53–001
	CHD BY M.Bradamante	DESCRIPTION CONNETTORE SALDATURA CONECTOR SOLDADURA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X52–001
	DATE 30/03/2023				TOTAL PAGES 79/97

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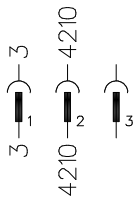
0	1	2	3	4	5	6	7	8	9	10

X53



Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE / MÁQUINA ENSOBRADORA			NEXT PAGE Y-FA000
	CHD BY M.Bradamante	DESCRIPTION CONNETTORE DOSATORE / CONECTOR AREGLADOR DE LAS DOSIS	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE X53-001
	DATE 30/03/2023				TOTAL PAGES 80/97

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0	1	2	3	4	5	6	7	8	9	10

MESSA IN FASE

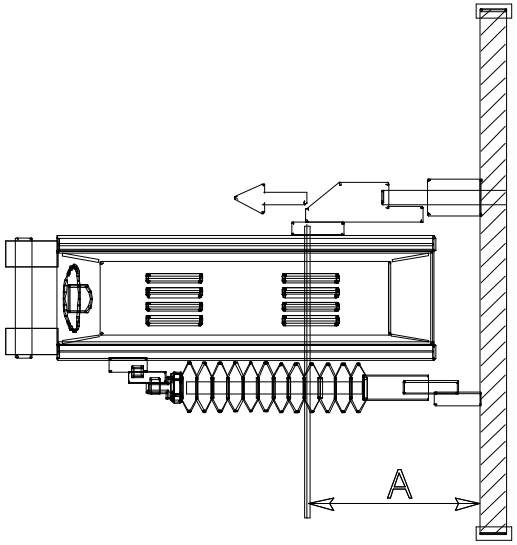
Per mettere in fase elettrica la macchina agire tramite il volantino di comando manuale sino ad ottenere il massimo punto di chiusura delle piastre.
Verificare che la ruota dentata corrisponda alla tacca "34".
In caso contrario allentare la vite di fissaggio della dentata e muovere la stessa sino a raggiungere le sudette condizioni.
A questo punto, agire sul volantino manuale sino a che la ruota si trovi in corrispondenza della tacca di zero gradi. Allentare il rotante di fase e farlo ruotare nella direzione di marcia (senso orario) fino al punto di commutazione da 0–1 del sensore di zero gradi, poi ruotarlo di nuovo in senso opposto fino al punto di commutazione da 1–0 del sensore di fase.
Bloccare il rotante, spegnere e riaccendere la macchina.
A questo punto la fase é fatta. Se la procedura é stata eseguita correttamente, dopo il rifasamento, la posizione angolare della macchina deve corrispondere con quella indicata dalla ruota dentata.
Le fasi riportate nella tabella sottostante sono espresse in gradi.

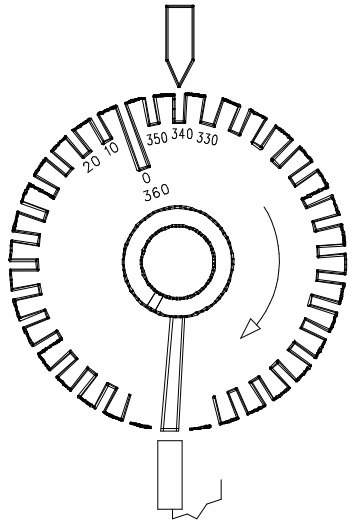
(1) – La fase puo' essere variata tramite il pannello di controllo.
(2) – La fase viene controllata automaticamente dal microprocessore ed anticipata o ritardata a seconda della della velocita' della macchina.
(3) – La fase viene selezionata automaticamente dal microprocessore in base alle situazioni di lavoro della macchina.

PUESTA EN FASE

Para realizar la sincronizacion electrica de la maquina, utilizar el volante de mando manual hasta obteneria parada de punto maximum de cierre de la placa.
Comprobar que la rueda dentada corresponda a la muesca "34".
Si no es asi, affojar el tornillo de sujection de la rueda dentada y lievar la misma a la posicion citada.
Llegados a este punto accionar el volante manual hasta que la rueda se posicione en la muesca de cero grados. Aflojar la rueda de fase y girarlo en la dirección de marcha (sentido horario) hasta el punto de conmutaciòn de 0–1 del detector de cero grados, despues y girarlo de nuevo en sentido opuesto hasta el punto de conmutaciòn 1–0 del detector de fase.
Bloquear la rueda, apagar y reencender la máquina.
En este momento la fase es hecha. Si el procedimiento ha sido ejecutado correctamente, después de la puesta en fase, la posición angular de la máquina tiene que corresponder con la indicada de la rueda dentada.
Las fases indicadas se expresan en grados.

(1) – La fase puede modificarse mediante el tablero de control.
(2) – La fase es controlada automáticamente por el microprocesador y se anticipa o retrasa según la velocidad de la maquina.
(3) – El microprocesador selecciona automáticamente la fase según las situaciones de trabajo de la maquina.





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DRAWN BY C.Cappello	MACHINE TYPE	BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE Y–FA001
CHD BY M.Bradamante	DESCRIPTION	MESSA IN FASE MACCHINA SINCRONIZACION MAQUINA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE Y–FA000
DATE 30/03/2023					TOTAL PAGES 81/97

0	1	2	3	4	5	6	7	8	9	10

GRADI GRADO	OPERAZIONE ESEGUITA OPERACION EJECUTADA
190	FASE ARRESTO MACCHINA (2) FASE PARO MAQUINA (2)
0	FASE INIZIO COMANDO SALDATURA BUSTE (1) (2) FASE COMIENZO MANDO DE SOLDADURA BOLSITAS (1) (2)
80	FASE FINE COMANDO SALDATURA BUSTE (1) (2) FASE FIN MANDO DE SOLDADURA DE LAS BOLSITAS (1) (2)
180 ÷ 265	FASE INIZIO LETTURA TACCA CENTRATURA STAMPA (2) FASE COMIENZO LECTURA MUESCA CENTRADO IMPRESION (2)
280	FASE FINE LETTURA TACCA CENTRATURA STAMPA FASE FIN LECTURA MUESCA CENTRADO IMPRESION
20	FASE CLOCK SCARTO GIUNZIONE FASE DE CLOCK EXPULSION DEL EMPALME
190	FASE INIZIO CONSENSO MOVIMENTO PIASTRE FASE COMIENZO CONSENTIMIENTO MOVIMIENTO PLANCHAS
240	FASE FINE CONSENSO MOVIMENTO PIASTRE FASE FIN CONSENTIMIENTO MOVIMIENTO PLANCHAS
30	FASE COMANDO DOSATORE FASE MANDO AREGLADOR DE LAS DOSIS
0	FASE ABILITAZIONE COLTELLO FASE ABILITACION CUCHILLO
130	FASE COMANDO CONTROLLO COLTELLO FASE MANDO CONTROL CUCHILLO

GRADI GRADO	OPERAZIONE ESEGUITA OPERACION EJECUTADA
20	FASE CLOCK SCARTO BUSTE FASE DE CLOCK EXPULSION DE BOLSITAS
115	FASE INIZIO VIBRAZIONE DOSAGGIO (1) FASE COMIENZO VIBRACION DOSIFICACION (1)
190	FASE FINE VIBRAZIONE DOSAGGIO (1) FASE FIN VIBRACION DOSIFICACION (1)
0	FASE ABILITAZIONE CONTROLLO TRASCINAMENTO CARTA FASE HABILITACION CONTROL ARRASTRE PAPEL
120	FASE COMANDO MOVIMENTO TRASCINAMENTO CARTA FASE MANDO MOVIMIENTO ARRASTRE PAPEL
320	FASE COMANDO AVANTI NUMERATORE (1) FASE MANDO ADELANTE NUMERADOR (1)
160	FASE COMANDO INDIETRO NUMERATORE (1) FASE MANDO ATRAS NUMERADOR (1)

GRADI GRADO	OPERAZIONE ESEGUITA OPERACION EJECUTADA

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DRAWN BY C.Cappello	MACHINE TYPE	BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE Y-FA100
CHD BY M.Bradamante	DESCRIPTION	FASI MACCHINA FASE MAQUINA	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE Y-FA001
DATE 30/03/2023					TOTAL PAGES 82/97

MESSA IN FASE

Per mettere in fase elettrica il gruppo agire tramite il volantino di comando della bustinatrice fino a che l'
indice fisso sul basamento del gruppo (lato opposto encoder), corrisponda all'indice posto sulla camma di movimentazione ventose.
Quindi allentare la vite di fissaggio della ruota di fase e portarla in corrispondenza della tacca di "0".
A questo punto allentare l'albero dell'encoder e farlo ruotare fino al punto di commutazione 0–1 del segnale
di zero gradi.
N.B. L'albero dell'encoder deve essere girato nello stesso senso di marcia del gruppo. A questo punto la fase è fatta.
Se eseguita correttamente la sequenza dei controlli deve corrispondere a quanto riportato nella seguente tabella. Le fasi qui riportate son espresse in gradi.
(1) – La fase puo' essere variata in +30° e –30° tramite il pannello di controllo della MS235.

PUESTA EN FASE

Para poner elÚctricamente en fase el grupo, girar el volante de mando de la mßquina de llenar sobres hasta que
que el diente de transporte sobres se encuentre a 90°respecto al plano del pavimento.
Áflojar el tornillo de sujeci≤n de la rueda de fase y llevar Ústa en coincidencia con la muesca de 0.
A continuaci=n, aflojar el eje del encoder y girarlo hasta el punto de conmutaci≤n 0–1 de la se±al de "0°.
A continuaciòn, aflojar el eje del encoder y girarlo hasta el punto de conmutación 0–1 de la señal de "0°".
NOTA El eje del encoder tiene que girarse en la misma dirección de marcha del grupo. La puesta en fase eléctrica ya està terminada.
La secuencia de controles realizada correctamente tiene que corresponder a lo indicado en la tabla.
Las fases indicadas se expresan en grados.
(1) – La fase puede modificarse +30° y –30° mediante el tablero de control de la MS235.

0	1	2	3	4	5	6	7	8	9	10

GRADO GRADO	OPERAZIONE ESEGUITA OPERACION EJECUTADA	GRADO GRADO	OPERAZIONE ESEGUITA OPERACION EJECUTADA	GRADO GRADO	OPERAZIONE ESEGUITA OPERACION EJECUTADA
320	FASE ARRESTO GRUPPO (2) FASE PARADA GRUPO (2)	70	FINE ASPIRAZIONE BUSTE (1) FIN DE ASPIRACION DE LAS BOLSITAS (1)	260	3° CONTROLLO SINCRONISMO 3° CONTROL SINCRONISMO
260	INIZIO CONTROLLO PRESENZA BUSTE COMIENZO DE CONTR.PRESENCIA DE LAS BOLSITAS	150	CONSENSO INTRODUZ. (CON IMPILAM.DA 1 BUSTA) AUTOR.INTRODUC.CON AMPILAMIENTO DE 1 BOLSITA	280	4° CONTROLLO SINCRONISMO 4° CONTROL SINCRONISMO
295	FINE CONTROLLO PRESENZA BUSTE FIN DE CONTROL PRESENCIA DE LAS BOLSITAS	200	INIZIO CICLO SINCRONISMO COMIENZO CICLO SINCRONISMO		
10	CONTEGGIO CUENTA	220	1° CONTROLLO SINCRONISMO 1° CONTROL SINCRONISMO		
230	INIZIO ASPIRAZIONE BUSTE COMIENZO DE ASPIRACION DE LAS BOLSITAS	240	2° CONTROLLO SINCRONISMO 2° CONTROL SINCRONISMO		

0	1	2	3	4	5
CODE	IMPOSTAZIONE – SETTING				
	A29.1	A34.1	A34A.1	A37.1	A96A.1
P700.01	0	0	0	0	0
P732.00	1	1	1	1	1
P201.01	2	2	2	2	11
P203.03	2	2	2	2	2
P208.01	0	0	0	0	0
P210.00	0Hz	0Hz	0Hz	0Hz	0Hz
P211.00	120Hz	120Hz	120Hz	120Hz	120Hz
P220.00	0.1sec	0.1sec	0.1sec	0.1sec	0.1sec
P221.00	0.1sec	0.1sec	0.1sec	0.1sec	0.1sec
P225.00	0.1sec	0.1sec	0.1sec	0.1sec	0.1sec
P303.01	230	230	230	230	230
P303.02	50	50	50	50	50
P305.00	21	21	21	21	21
P308.01	150%	150%	150%	150%	150%
P308.02	1	1	1	1	1
P315.01	50%	50%	50%	50%	50%
P316.01	1.8%	1.8%	1.8%	1.8%	1.8%
P320.04	1385	895	3000	895	1385
P320.05	50Hz	50Hz	50Hz	50Hz	50Hz
P320.06	0.25Kw	0.09Kw	0.04Kw	0.09Kw	0.18Kw
P320.07	230	230	230	230	230
P320.08	0.69	0.63	0.8	0.63	0.65
P323.00	1.33	0.84	0.26	0.84	1.07
P353.01	4*P323.00	4*P323.00	4*P323.00	4*P323.00	4*P323.00
P400.02	13	13	13	13	13
P400.04	0	0	0	0	0
P400.13	0	0	0	0	15
P400.14	1	1	1	1	/
P400.18	0	0	0	0	0
P400.19	0	0	0	0	0
P420.01	56	56	56	56	56
P420.02	55	55	55	55	55

6	7	8	9	10
CODE	IMPOSTAZIONE – SETTING			
	A29.1	A34.1	A34A.1	A37.1	A96A.1
P421.01	1	1	1	1	1
P421.02	1	1	1	1	1
P430.01	4	4	4	4	4
P430.02	0	0	0	0	0
P430.03	120	120	120	120	120
P430.10	0	0	0	0	0
P450.01	/	/	/	/	/
P450.02	/	/	/	/	/
P450.03	/	/	/	/	/

Per descrizioni dettagliate dei parametri consultare il manuale Lenze. | Para descripciones pormenorizadas de los parámetros consultar el manual Lenze.

N.B. Vengono riportati solo i parametri significativi per il funzionamento della macchina | **Nota: Sólo se indican los parámetros significativos para el funcionamiento de la máquina.**

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SIGLA COMPONENTE	DENOMINAZIONE DENOMINACION	MARCA MARCA	TIPO TIPO	CODICE CODIGO	NOTE NOTAS	⚠	Q.TA' CANTIDAD
A12.1	**MODULO BUS** MODULO BUS	BECKHOFF	EK1100-0000	E500Z0208000			1
A12.1.1	**MODULO SAFETY LOGIC** MODULO SAFETY LOGIC	BECKHOFF	EL6910-0000	E500Z0708001		X	1
A12.2	**MODULO 16 INGRESSI** MODULO 16 ENTRADAS	BECKHOFF	EL1809-0000	E500Z0203005			1
A12.3	**MODULO 16 INGRESSI** MODULO 16 ENTRADAS	BECKHOFF	EL1809-0000	E500Z0203005			1
A12.4	**MODULO 16 INGRESSI** MODULO 16 ENTRADAS	BECKHOFF	EL1809-0000	E500Z0203005			1
A12.5	**MODULO 16 INGRESSI** MODULO 16 ENTRADAS	BECKHOFF	EL1809-0000	E500Z0203005			1
A12.5.1	**MODULO 16 INGRESSI** MODULO 16 ENTRADAS	BECKHOFF	EL1809-0000	E500Z0203005			1
A12.6	**MODULO 4 INGRESSI** MODULO 4 ENTRADAS	BECKHOFF	EL1014-0000	E500Z0203001			1
A12.7	**MODULO 16 USCITE** MODULO 16 SALIDAS	BECKHOFF	EL2809-0000	E500Z0204005			1
A12.8	**MODULO 16 USCITE** MODULO 16 SALIDAS	BECKHOFF	EL2809-0000	E500Z0204005			1
A12.9	**MODULO 16 USCITE** MODULO 16 SALIDAS	BECKHOFF	EL2809-0000	E500Z0204005			1
A12.11	**MODULO 2 INGRESSI ANALOGICI PT100** MODULO 2 ENTRADAS ANALOGICOS PT100	BECKHOFF	EL3202-0000	E500Z0206006			1
A12.11.1	**MODULO 2 INGRESSI ANALOGICI** MODULO 2 ENTRADAS ANALOGICOS	BECKHOFF	EL3162-0000	E500Z0206000			1
A12.13	**MODULO 4 USCITE ANALOGICHE** MODULO 4 SALIDAS ANALOGICAS	BECKHOFF	EL4124-0000	E500Z0207002			1
A12.20	**MODULO ALIMENTATORE** MODULO ALIMENTADOR	BECKHOFF	EL9410-0000	E500Z0201000			1
A12.21	**MODULO 8 INGRESSI** MODULO 8 ENTRADAS	BECKHOFF	EL1918-0000	E500Z0703002		X	1
A12.22	**MODULO 8 INGRESSI** MODULO 8 ENTRADAS	BECKHOFF	EL1918-0000	E500Z0703002		X	1
A12.23	**MODULO 8 INGRESSI** MODULO 8 ENTRADAS	BECKHOFF	EL1918-0000	E500Z0703002		X	1
A12.28	**MODULO 4 USCITE** MODULO 4 SALIDAS	BECKHOFF	EL2904-0000	E500Z0704000		X	1
A12.29	**MODULO 4 USCITE** MODULO 4 SALIDAS	BECKHOFF	EL2904-0000	E500Z0704000		X	1
A12.30	**MODULO 4 USCITE** MODULO 4 SALIDAS	BECKHOFF	EL2904-0000	E500Z0704000		X	1
A12.32	**MODULO TERMINALE** MODULO TERMINAL	BECKHOFF	EL9011-0000	E500Z0208003			1
A15.4	**COMPUTER** ORDENADOR	SIEMENS	SIMATIC IPC477E 6AV7241-7JB40-0FA0	E09377112213			1
A15.4.1	**SCHEDA ETHERNET** FICHA ETHERNET	ADVANCED TECHNOLOGIES	POE	E79620W00000			1
A24.2	**MODULO ALIMENTATORE** MODULO ALIMENTADOR	BECKHOFF	AX8620-0000 - 20A	E79710Z00730			1

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SIGLA COMPONENTE	DENOMINAZIONE DENOMINACION	MARCA MARCA	TIPO TIPO	CODICE CODIGO	NOTE NOTAS	⚠	Q.TA' CANTIDAD
A24.3	**MODULO** MODULO	BECKHOFF	AX8206-0100 - 2x6A	E79660Z62732		X	1
A24.4	**MODULO** MODULO	BECKHOFF	AX8206-0100 - 2x6A	E79660Z62732		X	1
A29.1	**INVERTER** INVERTER	LENZE	I550 230V 0.37KW I5DAE137B10V10000S	E79334F40230			1
	TASTIERA TECLADO	LENZE	I5MADK0000000S	E79334F00001			1
	SCHEDA INGRESSI/USCITE FICHA ENTRADAS/SALIDAS	LENZE	I55016064350 I5CA5002000VA0000S	E79624F00002			1
	SCHEDA SAFETY INVERTER FICHA SAFETY INVERTER	LENZE	I550 SM PU01 I5MASAV000000S	E79724F00000		X	1
A31.2	**SCHEDA AZIONAMENTO** FICHA ACCIONAMIENTO	TRANSTECNO	PLN 19-8 + DIN PLN198DIN	E79205T59400			1
A34.1	**INVERTER** INVERTER	LENZE	I550 230V 0.37KW I5DAE137B10V10000S	E79334F40230			1
	SCHEDA INGRESSI/USCITE FICHA ENTRADAS/SALIDAS	LENZE	I55016064350 I5CA5002000VA0000S	E79624F00002			1
	SCHEDA SAFETY INVERTER FICHA SAFETY INVERTER	LENZE	I550 SM PU01 I5MASAV000000S	E79724F00000		X	1
A34A.1	**INVERTER** INVERTER	LENZE	I550 230V 0.37KW I5DAE137B10V10000S	E79334F40230			1
	SCHEDA INGRESSI/USCITE FICHA ENTRADAS/SALIDAS	LENZE	I55016064350 I5CA5002000VA0000S	E79624F00002			1
	SCHEDA SAFETY INVERTER FICHA SAFETY INVERTER	LENZE	I550 SM PU01 I5MASAV000000S	E79724F00000		X	1
A37.1	**INVERTER** INVERTER	LENZE	I550 230V 0.37KW I5DAE137B10V10000S	E79334F40230			1
	SCHEDA INGRESSI/USCITE FICHA ENTRADAS/SALIDAS	LENZE	I55016064350 I5CA5002000VA0000S	E79624F00002			1
	SCHEDA SAFETY INVERTER FICHA SAFETY INVERTER	LENZE	I550 SM PU01 I5MASAV000000S	E79724F00000		X	1
A41.2	**RELE' STATICO** RELE STATICO	OMRON	G3PJ-525B 25A	E72757552404			1
A41.6	**RELE' STATICO** RELE STATICO	OMRON	G3PJ-525B 25A	E72757552404			1
A96A.1	**INVERTER** INVERTER	LENZE	I550 230V 0.37KW I5DAE137B10V10000S	E79334F40230			1
	SCHEDA INGRESSI/USCITE FICHA ENTRADAS/SALIDAS	LENZE	I55016064350 I5CA5002000VA0000S	E79624F00002			1
	SCHEDA SAFETY INVERTER FICHA SAFETY INVERTER	LENZE	I550 SM PU01 I5MASAV000000S	E79724F00000		X	1
B18.2	**SENSORE** DETECTOR	SELET	B60122POC5	E66075212523			1
B18.3	**SENSORE** DETECTOR	SELET	B60122POC5	E66075212523			1
B25.8	**SENSORE** DETECTOR	SELET	B60122POC5	E66075212523			1
B29.6	**SENSORE** DETECTOR	SELET	B60122POC5	E66075212523			1

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SIGLA COMPONENTE	DENOMINAZIONE DENOMINACION	MARCA MARCA	TIPO TIPO	CODICE CODIGO	NOTE NOTAS	⚠	Q.TA' CANTIDAD
B29.7	**SENSORE** DETECTOR	SELET	B60122POC5	E66075212523			1
B29.8	**FOTOCELLULA** FOTOCELULA	WENGLOR	P1KH002	E32139824211			1
B29.9	**FOTOCELLULA** FOTOCELULA	SICK	UFN3-70B413	E32157C44210			1
B30.10	**LETTORE DI TACCHE** LECTOR DE TACAS	DATALOGIC	TLu 115	E32081924244			1
B31.7	**SENSORE** DETECTOR	SELET	B60122POC5	E66075212523			1
	CAVO CABLE	PHOENIX	M8/M12 CABLATO 3,0 MT. SAC-3P-M8MS/3,0-PUR/M12 FR 1682375	E50610474004			1
B31.8	**SENSORE** DETECTOR	SELET	B0281POV6	E66075212310			1
B31.9	**SENSORE** DETECTOR	SELET	B0281POV6	E66075212310			1
B31.10	**FOTOCELLULA AMPLIFICATORE** FOTOCELULA AMPLIFICADOR	TAKEX	F71RAN 24V DC	E32077F31200			1
	FIBRA OTTICA FIBRA OPTICA	TAKEX	FTL 716 BC	E32987F00000			1
B32.8	**SENSORE** DETECTOR	SELET	B60122POC5	E66075212523			1
B35.1	**SENSORE** DETECTOR	RECHNER	KAS 80-26-A PTFE 1"" COD.KA0642	E66163212960			1
B35.4	**SENSORE** DETECTOR	RECHNER	KAS 80-A12-AK PTFE COD.KA0142	E66163212580			1
B35A.1	**SENSORE** DETECTOR	RECHNER	KAS 80-26-A PTFE 1"" COD.KA0642	E66163212960			1
B35A.4	**SENSORE** DETECTOR	RECHNER	KAS 80-A12-AK PTFE COD.KA0142	E66163212580			1
B40.1	**SENSORE** DETECTOR	SELET	B60122POC5	E66075212523			1
B40.2	**SENSORE** DETECTOR	SELET	B60122POC5	E66075212523			1
B40.8	**SENSORE** DETECTOR	SELET	B60122POC5	E66075212523			1
B41.4	**SONDA** SONDA	CREI	PT100 MOD.500 D.6x50 LC=2000 2 FILI CODICE 00649	D7911B600650			1
B41.8	**SONDA** SONDA	CREI	PT100 MOD.500 D.6x50 LC=2000 2 FILI CODICE 00649	D7911B600650			1
B42.1	**PRESSOSTATO ---> vedi schema pneumatico** PRESOSTATO ---> vease esquema neumatico	–	–	–			1
B42.2	**SENSORE** DETECTOR	SELET	B60122POC5	E66075212523			1
B42.5	**SENSORE** DETECTOR	SELET	B60122POC5	E66075212523			1
B42.6	**SENSORE** DETECTOR	SELET	B60122POC5	E66075212523			1
B52.1	**FOTOCELLULA LASER** FOTOCELULA LASER	WENGLOR	YM22PA2	E32099824230			1

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SIGLA COMPONENTE	DENOMINAZIONE DENOMINACION	MARCA MARCA	TIPO TIPO	CODICE CODIGO	NOTE NOTAS	⚠	Q.TA' CANTIDAD
B52.2	**FOTOCELLULA LASER** FOTOCELULA LASER	WENGLOR	YM22PA2	E32099824230			1
B52.3	**FOTOCELLULA LASER** FOTOCELULA LASER	WENGLOR	YM22PA2	E32099824230			1
F01.3	**INTERRUTTORE AUTOMATICO DI PROTEZIONE** INTERRUPTOR AUTOMATICO DE PROTECCION	SIEMENS	5SY6 4 25-7	E427772500			1
F02.4	**INTERRUTTORE AUTOMATICO DI PROTEZIONE** INTERRUPTOR AUTOMATICO DE PROTECCION	SIEMENS	5SY6 2 04-7	E422770401			1
	BLOCCO DIFFERENZIALE BLOQUEO DIFERENCIAL	SIEMENS	5SM 2322-6 0,03A	E424770000			1
F04.1	**INTERRUTTORE AUTOMATICO DI PROTEZIONE** INTERRUPTOR AUTOMATICO DE PROTECCION	SIEMENS	5SY6 2 10-7	E422771001			1
F04.3	**MODULO** MODULO	WEIDMULLER	AMG FIM-C - Art. 2081880000	E34995000000			1
	PONTICELLI PUENTECILLOS	WEIDMULLER	ZQV 4N/10 COD.1528090000	E52079584100			2
F04.4	**PROTEZIONE ELETTRONICA** PROTECCION ELECTRONICA	WEIDMULLER	AMG ELM-10F - Art. 2080650000	E34695107100			1
F04.5	**PROTEZIONE ELETTRONICA** PROTECCION ELECTRONICA	WEIDMULLER	AMG ELM-10F - Art. 2080650000	E34695107100			1
F04.6	**PROTEZIONE ELETTRONICA** PROTECCION ELECTRONICA	WEIDMULLER	AMG ELM-4F - Art. 2491290000	E34695107040			1
F04.7	**PROTEZIONE ELETTRONICA** PROTECCION ELECTRONICA	WEIDMULLER	AMG ELM-4F - Art. 2491290000	E34695107040			1
F04.8	**PROTEZIONE ELETTRONICA** PROTECCION ELECTRONICA	WEIDMULLER	AMG ELM-4F - Art. 2491290000	E34695107040			1
F19.1	**INTERRUTTORE AUTOMATICO DI PROTEZIONE** INTERRUPTOR AUTOMATICO DE PROTECCION	SIEMENS	5SY6 2 10-6	E422771000			1
F19A.1	**INTERRUTTORE AUTOMATICO DI PROTEZIONE** INTERRUPTOR AUTOMATICO DE PROTECCION	SIEMENS	5SY6 2 10-6	E422771000			1
F22.8.1	**INTERRUTTORE AUTOMATICO DI PROTEZIONE** INTERRUPTOR AUTOMATICO DE PROTECCION	SIEMENS	5SY4 3 20-8	E423772000			1
F24.1	**INTERRUTTORE AUTOMATICO DI PROTEZIONE** INTERRUPTOR AUTOMATICO DE PROTECCION	SIEMENS	5SY6 3 16-7	E423771601			1
F29.1	**INTERRUTTORE AUTOMATICO DI PROTEZIONE** INTERRUPTOR AUTOMATICO DE PROTECCION	SIEMENS	5SY6 2 10-6	E422771000			1
F34.1	**INTERRUTTORE AUTOMATICO DI PROTEZIONE** INTERRUPTOR AUTOMATICO DE PROTECCION	SIEMENS	5SY6 2 10-6	E422771000			1
F34A.1	**INTERRUTTORE AUTOMATICO DI PROTEZIONE** INTERRUPTOR AUTOMATICO DE PROTECCION	SIEMENS	5SY6 2 10-6	E422771000			1
F37.1	**INTERRUTTORE AUTOMATICO DI PROTEZIONE** INTERRUPTOR AUTOMATICO DE PROTECCION	SIEMENS	5SY6 2 10-6	E422771000			1
F96A.1	**INTERRUTTORE AUTOMATICO DI PROTEZIONE** INTERRUPTOR AUTOMATICO DE PROTECCION	SIEMENS	5SY6 2 10-6	E422771000			1
G04.1	**ALIMENTATORE** ALIMENTADOR	SIEMENS	6EP1 336-3BA10 AC120/230-DC24V/20A	E01377734A00			1
H16.2	**COLONNA LUMINOSA ROSSA** COLUMNA LUMINOSA ROJA	PATLITE	LR5-E R	E389512000			1
H16.3	**COLONNA LUMINOSA ARANCIO** COLUMNA LUMINOSA ANARANJADA	PATLITE	LR5-E Y	E389514000			1

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SIGLA COMPONENTE	DENOMINAZIONE DENOMINACION	MARCA MARCA	TIPO TIPO	CODICE CODIGO	NOTE NOTAS	⚠	Q.TA' CANTIDAD
H16.4	**COLONNA LUMINOSA VERDE** COLUMNA LUMINOSA VERDE	PATLITE	LR5-E G	E389515000			1
	BASE BASE	PATLITE	LR5-02KTNK	E38951A000			1
H16.6	**AVVISATORE ACUSTICO** AVISADOR ACUSTICO	PATLITE	LR5-BK	E38951D000			1
H40.3	**LED GIALLO** LED AMARILLO	OMEGA	COD.OMFL24V03G	E264240040			1
K10.3	**RELE'** RELE	OMRON	G7SA-4A2B	E72A57092300		X	1
	ZOCCOLO BASE	OMRON	P7SA-14F	D974571060			1
K10.4	**RELE'** RELE	OMRON	G7SA-4A2B	E72A57092300		X	1
	ZOCCOLO BASE	OMRON	P7SA-14F	D974571060			1
K19.1	**CENTRALINA DI CONTROLLO DELLA CORRENTE** CENTRAL DE CONTROL DE LA CORRIENTE	WEIDMULLER	ACT20P-CML-10-AO-RC-P 2489910000	E72895515301			1
K19.2	**CENTRALINA DI CONTROLLO DELLA CORRENTE** CENTRAL DE CONTROL DE LA CORRIENTE	WEIDMULLER	ACT20P-CML-10-AO-RC-P 2489910000	E72895515301			1
K19.3	**CENTRALINA DI CONTROLLO DELLA CORRENTE** CENTRAL DE CONTROL DE LA CORRIENTE	WEIDMULLER	ACT20P-CML-10-AO-RC-P 2489910000	E72895515301			1
K19.4	**CENTRALINA DI CONTROLLO DELLA CORRENTE** CENTRAL DE CONTROL DE LA CORRIENTE	WEIDMULLER	ACT20P-CML-10-AO-RC-P 2489910000	E72895515301			1
K19.5	**CENTRALINA DI CONTROLLO DELLA CORRENTE** CENTRAL DE CONTROL DE LA CORRIENTE	WEIDMULLER	ACT20P-CML-10-AO-RC-P 2489910000	E72895515301			1
K19A.1	**CENTRALINA DI CONTROLLO DELLA CORRENTE** CENTRAL DE CONTROL DE LA CORRIENTE	WEIDMULLER	ACT20P-CML-10-AO-RC-P 2489910000	E72895515301			1
K19A.2	**CENTRALINA DI CONTROLLO DELLA CORRENTE** CENTRAL DE CONTROL DE LA CORRIENTE	WEIDMULLER	ACT20P-CML-10-AO-RC-P 2489910000	E72895515301			1
K19A.3	**CENTRALINA DI CONTROLLO DELLA CORRENTE** CENTRAL DE CONTROL DE LA CORRIENTE	WEIDMULLER	ACT20P-CML-10-AO-RC-P 2489910000	E72895515301			1
K19A.4	**CENTRALINA DI CONTROLLO DELLA CORRENTE** CENTRAL DE CONTROL DE LA CORRIENTE	WEIDMULLER	ACT20P-CML-10-AO-RC-P 2489910000	E72895515301			1
K19A.5	**CENTRALINA DI CONTROLLO DELLA CORRENTE** CENTRAL DE CONTROL DE LA CORRIENTE	WEIDMULLER	ACT20P-CML-10-AO-RC-P 2489910000	E72895515301			1
K31.5	**RELE'** RELE	OMRON	MY2N-D2	E72157322400			1
	ZOCCOLO BASE	OMRON	PYFZ-08	D972571081			1
K31.6	**RELE'** RELE	OMRON	MY2N-D2	E72157322400			1
	ZOCCOLO BASE	OMRON	PYFZ-08	D972571081			1
K35.3	**RELE'** RELE	OMRON	MY2N-D2	E72157322400			1
	ZOCCOLO BASE	OMRON	PYFZ-08	D972571081			1
K35A.3	**RELE'** RELE	OMRON	MY2N-D2	E72157322400			1

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SIGLA COMPONENTE	DENOMINAZIONE DENOMINACION	MARCA MARCA	TIPO TIPO	CODICE CODIGO	NOTE NOTAS	⚠	Q.TA' CANTIDAD
	ZOCCOLO BASE	OMRON	PYFZ-08	D972571081			1
KM44.4	**CONTATTORE** CONTACTOR	SIEMENS	3RT 2326-1BB40	E22047712401		X	1
	DIODO DIODO	SIEMENS	3RT2926-1ER00	E30177601403			1
M02.4	**VENTOLA** VENTILADOR	ALFA ELECTRIC	ATV4200U 250X250 230V 125M3/H	D951047130			1
M02.5	**VENTOLA** VENTILADOR	ALFA ELECTRIC	ATV4200U 250X250 230V 125M3/H	D951047130			1
M25.1	**MOTORE** MOTOR	BECKHOFF	AM8051-0G10-1002 - 4.90 Nm - 400Vac	E554040R20L1			1
M29.1	**MOTORE** MOTOR	SIEMENS	1LE1002-0CB22-2KA4	E543470010			1
M30.1	**MOTORE** MOTOR	BECKHOFF	AM8041-0E10-0000 - 2.45 Nm - 400Vac	E554020R20L1			1
M31.1	**MOTORIDUTTORE** MOTORREDUCTOR	CROUZET	80837.0 58 Giri/min. 24V DC	C71132205058			1
M32.1	**MOTORE** MOTOR	BECKHOFF	AM8041-0E10-0000 - 2.45 Nm - 400Vac	E554020R20L1			1
M34.1	**MOTORE** MOTOR	SIEMENS	1LE1002-0BC22-2KA4	E541670010			1
M34A.1	**MOTORE** MOTOR	SIEMENS	1LE1002-0BC22-2KA4	E541670010			1
M37.1	**MOTORE** MOTOR	SIEMENS	1LE1002-0BC22-2KA4	E541670010			1
M96A.1	**MOTORE** MOTOR	SIEMENS	1LE1002-0BB32-2KA4	E542470010			1
Q01.3	**INTERRUTTORE GENERALE** INTERRUPTOR GENERAL	SIEMENS	3LD2504-0TK51 3P 63A	E43077035000			1
	CONTATTO CONTACTO	SIEMENS	3LD9250-0BA	E43077005000			1
R41.1	**RESISTENZA** RESISTENCIA	-	-	-			1
R41.1.1	**RESISTENZA** RESISTENCIA	-	-	-			1
R41.1.2	**RESISTENZA** RESISTENCIA	-	-	-			1
R41.1.3	**RESISTENZA** RESISTENCIA	-	-	-			1
R41.1.4	**RESISTENZA** RESISTENCIA	-	-	-			1
R41.6	**RESISTENZA** RESISTENCIA	-	-	-			1
R41.6.1	**RESISTENZA** RESISTENCIA	-	-	-			1
R41.6.2	**RESISTENZA** RESISTENCIA	-	-	-			1
R41.6.3	**RESISTENZA** RESISTENCIA	-	-	-			1

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SIGLA COMPONENTE	DENOMINAZIONE DENOMINACION	MARCA MARCA	TIPO TIPO	CODICE CODIGO	NOTE NOTAS	⚠	Q.TA' CANTIDAD
R41.6.4	**RESISTENZA** RESISTENCIA	–	–	–			1
S07.1	**PULSANTE D'EMERGENZA A FUNGO** PULSANTE DE EMERGENCIA A HUNGO	SIEMENS	3SU1050–1HB20–0AA0	E672700121		X	1
	BLOCCO PORTA CONTATTI CUERPO CON CONTACTOS	SIEMENS	3SU1550–0AA10–0AA0	E332870001			1
S07.1 (#1)	**FRUTTO CHIUSO** CONTACTO CERRADO	SIEMENS	3SU1400–1AA10–1CA0	E332970011			1
S07.1 (#2)	**FRUTTO CHIUSO** CONTACTO CERRADO	SIEMENS	3SU1400–1AA10–1CA0	E332970011			1
S08.1	**INTERRUTTORE DI SICUREZZA** INTERRUPTOR DE SEGURIDAD	EUCHNER	CTP–I–AP–U–HA–ZZ–SA–136732 EUC–136732	E31072580001		X	1
	CAVO CABLE	PHOENIX	SAC–8P–10.0–PVC/M12 FS M12 8POLI 10M DIR. 1415727	E20661793081			1
	ATTUATORE ACTUADOR	EUCHNER	A–C–H–W–SST–137132	E31952500000			1
S08.2	**INTERRUTTORE DI SICUREZZA** INTERRUPTOR DE SEGURIDAD	EUCHNER	CTP–I–AP–U–HA–ZZ–SA–136732 EUC–136732	E31072580001		X	1
	CAVO CABLE	PHOENIX	SAC–8P–10.0–PVC/M12 FS M12 8POLI 10M DIR. 1415727	E20661793081			1
	ATTUATORE ACTUADOR	EUCHNER	A–C–H–W–SST–137132	E31952500000			1
S08.3	**INTERRUTTORE DI SICUREZZA** INTERRUPTOR DE SEGURIDAD	EUCHNER	CTP–I–AP–U–HA–ZZ–SA–136732 EUC–136732	E31072580001		X	1
	CAVO CABLE	PHOENIX	SAC–8P–10.0–PVC/M12 FS M12 8POLI 10M DIR. 1415727	E20661793081			1
	ATTUATORE ACTUADOR	EUCHNER	A–C–H–W–SST–137132	E31952500000			1
S08.4	**INTERRUTTORE DI SICUREZZA** INTERRUPTOR DE SEGURIDAD	EUCHNER	CTP–I–AP–U–HA–ZZ–SA–136732 EUC–136732	E31072580001		X	1
	CAVO CABLE	PHOENIX	SAC–8P–10.0–PVC/M12 FS M12 8POLI 10M DIR. 1415727	E20661793081			1
	ATTUATORE ACTUADOR	EUCHNER	A–C–H–W–SST–137132	E31952500000			1
S08.5	**INTERRUTTORE DI SICUREZZA** INTERRUPTOR DE SEGURIDAD	EUCHNER	CTP–I–AP–U–HA–ZZ–SA–136732 EUC–136732	E31072580001		X	1
	CAVO CABLE	PHOENIX	SAC–8P–10.0–PVC/M12 FS M12 8POLI 10M DIR. 1415727	E20661793081			1
	ATTUATORE ACTUADOR	EUCHNER	A–C–H–W–SST–137132	E31952500000			1
S08.7	**INTERRUTTORE DI SICUREZZA** INTERRUPTOR DE SEGURIDAD	EUCHNER	CES–I–AP–U–C04–SK COD.115324	E31092500001		X	1
	ATTUATORE ACTUADOR	EUCHNER	AZ.RFID CES–A–BBN–C04 115271	E31952500001			1
	CAVO CABLE	PHOENIX	C.ALI.4POLI F VOL.10mt SAC 4P 10.0 PUR/M 8FS 1683484	E50610474018			1
S13.2	**PULSANTE BIANCO** PULSANTE BLANCO	SIEMENS	3SU1060–0JB60–0AA0–Z Y19 CIN20200309125201166143	E672700192			1
	BLOCCO PORTA CONTATTI CUERPO CON CONTACTOS	SIEMENS	3SU1550–0AA10–0AA0	E332870001			1

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SIGLA COMPONENTE	DENOMINAZIONE DENOMINACION	MARCA MARCA	TIPO TIPO	CODICE CODIGO	NOTE NOTAS	⚠	Q.TA' CANTIDAD
S13.2 (#1)	**FRUTTO APERTO** CONTACTO ABIERTO	SIEMENS	3SU1400–1AA10–1BA0	E332970021			1
S13.3	**PULSANTE NERO** PULSANTE NEGRO	SIEMENS	3SU1060–0JB10–0AA0–Z Y19 CIN20200309125201127769	E672700103			1
	BLOCCO PORTA CONTATTI CUERPO CON CONTACTOS	SIEMENS	3SU1550–0AA10–0AA0	E332870001			1
S13.3 (#1)	**FRUTTO CHIUSO** CONTACTO CERRADO	SIEMENS	3SU1400–1AA10–1CA0	E332970011			1
S13.4	**PULSANTE BLU** PULSANTE AZUL	SIEMENS	3SU1060–0JB50–0AA0	E672700161			1
	BLOCCO PORTA CONTATTI CUERPO CON CONTACTOS	SIEMENS	3SU1550–0AA10–0AA0	E332870001			1
S13.4 (#1)	**FRUTTO APERTO** CONTACTO ABIERTO	SIEMENS	3SU1400–1AA10–1BA0	E332970021			1
S13.5	**PULSANTE COMANDO A DISTANZA COMPLETO** PULSANTE MANDO A DISTANCIA COMPLETO	MARCHESINI	–	E679519249			1
S18.1	**PRESSOSTATO ---> vedi schema pneumatico** PRESOSTATO ---> vease esquema neumatico	–	–	–			1
S18.5	**PRESSOSTATO ---> vedi schema pneumatico** PRESOSTATO ---> vease esquema neumatico	–	–	–			1
S42.0	**FINECORSA MAGNET. ---> vedi schema pneumatico** FIN RECORRIDO MAGNET. --> vease esquema neum.	–	–	–			1
S52.9	**SENSORE ---> vedi schema pneumatico** DETECTOR--> vease esquema neumatico	–	–	–			1
T22.8	**TRASFORMATORE** TRANSFORMADOR	–	1° 0/208/220/230/240V 2° 400V – 50/60Hz – TOT.6400VA	E89325N16300			1
X0	**MORSETTO** BORNE	WEIDMULLER	–	–			6
X01	**MORSETTO** BORNE	WEIDMULLER	–	–			32
X01–1	**MORSETTO DOPPIO** BORNE DOBLE	WEIDMULLER	–	–			12
X02	**BARRA DI TERRA** BARRA DE TIERRA	CAT	–	–			19
X02.6	**PRESA DI SERVIZIO** TOMA DE SERVICIO	VIMAR	14253 – 2P+T – 20A	E65090282600			1
	SUPPORTO APOYO	VIMAR	V51922	E65690000000			1
X04	**MORSETTO** BORNE	WEIDMULLER	–	–			14
X06	**MORSETTO** BORNE	WEIDMULLER	–	–			20
X06–1	**MORSETTO DOPPIO** BORNE DOBLE	WEIDMULLER	–	–			50
X06–2	**MORSETTO PORTAFUSIBILE** BORNE PORTAFUSIBLE	WEIDMULLER	–	–			1
X06–3	**MORSETTO VARISTORE** BORNE VARISTOR	WEIDMULLER	–	–			1
X07	**BARRA DI TERRA** BARRA DE TIERRA	CAT	–	–			20

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SIGLA COMPONENTE	DENOMINAZIONE DENOMINACION	MARCA MARCA	TIPO TIPO	CODICE CODIGO	NOTE NOTAS	⚠	Q.TA' CANTIDAD
X08	**BARRA DI TERRA** BARRA DE TIERRA	CAT	–	–			4
X15	**MORSETTO DOPPIO** BORNE DOBLE	WEIDMULLER	–	–			16
X15.3.1	**CONNETTORE** CONECTOR	PHOENIX	CUC-I-D1ZNI-S/R4GC8 – COD. 1041760	E20A61010000			1
	MORSETTO BORNE	PHOENIX	NBC-PP-G1PGY COD.1041740	E53C61300000			1
X15.3.2	**CONNETTORE** CONECTOR	PHOENIX	CUC-I-D1ZNI-S/R4GC8 – COD. 1041760	E20A61010000			1
	MORSETTO BORNE	PHOENIX	NBC-PP-G1PGY COD.1041740	E53C61300000			1
X15.4	**CAVO** CABLE	–	RJ45/RJ45 CAT6	–			1
X15.4.1	**CAVO** CABLE	–	RJ45/RJ45 CAT6	–			1
X15.4.2	**CAVO** CABLE	–	RJ45/RJ45 CAT6	–			1
X15.7	**PRESA DA PANNELLO** TOMA DE CUADRO	HARTING	USB COD.09 45 452 1931 – CABLE 1 m	E20B77010001			1
X15.7.1	**CAVO** CABLE	–	RJ45/RJ45 CAT6	–			1
X15.8.1	**CONNETTORE** CONECTOR	PHOENIX	CUC-I-D1ZNI-S/R4GC8 – COD. 1041760	E20A61010000			1
	MORSETTO BORNE	PHOENIX	NBC-PP-G1PGY COD.1041740	E53C61300000			1
X24.1	**CAVO** CABLE	–	RJ45/RJ45 CAT6	–			1
X25.1	**CAVO** CABLE	BECKHOFF	ZK4504-8003-0100 – 10 mt	E20D0Z634081			1
	CONNETTORE CONECTOR	BECKHOFF	AX8000 ZS4800-2013	E20D0Z105080			1
X30.1	**CAVO** CABLE	BECKHOFF	ZK4504-8003-0100 – 10 mt	E20D0Z634081			1
	CONNETTORE CONECTOR	BECKHOFF	AX8000 ZS4800-2013	E20D0Z105080			1
X31	**CONNETTORE MASCHIO** CONECTOR MACHO	PHOENIX	1681088 SACC-M12MS-4CON-PG 7	E20055108040			1
	CONNETTORE FRUTTO FEMMINA CONECTOR ELEMENTO HEMBRA	PHOENIX	1681114 SACC-M12FS-4CON-PG7	E20055105041			1
X32.1	**CAVO** CABLE	BECKHOFF	ZK4504-8003-0100 – 10 mt	E20D0Z634081			1
	CONNETTORE CONECTOR	BECKHOFF	AX8000 ZS4800-2013	E20D0Z105080			1
X40	**CONNETTORE** CONECTOR	CANNON	4P XLR4/31 COD.02195450	E20015201040			1
X41	**CONNETTORE FRUTTO FEMMINA** CONECTOR ELEMENTO HEMBRA	ILME	CNEF.16T 16 POLI	E20938110160			1
	CONNETTORE CUSTODIA AD INCASSO CONECTOR PROTECCION A ENCAJE	ILME	CHI16L 16 POLI	E20138011001			1

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SIGLA COMPONENTE	DENOMINAZIONE DENOMINACION	MARCA MARCA	TIPO TIPO	CODICE CODIGO	NOTE NOTAS	⚠	Q.TA' CANTIDAD
	CONNETTORE CUSTODIA MOBILE CONECTOR PROTECCION MOVIBLE	ILME	CHO16L	E20138014160			1
	CONNETTORE FRUTTO MASCHIO CONECTOR ELEMENTO MACHO	ILME	CNEM.16T 16 POLI	E20938109160			1
X42	**CONNETTORE FRUTTO FEMMINA** CONECTOR ELEMENTO HEMBRA	ILME	CNEF.16T 16 POLI	E20938110160			1
	CONNETTORE CUSTODIA AD INCASSO CONECTOR PROTECCION A ENCAJE	ILME	CHI16L 16 POLI	E20138011001			1
	CONNETTORE CUSTODIA MOBILE CONECTOR PROTECCION MOVIBLE	ILME	CHO16L	E20138014160			1
	CONNETTORE FRUTTO MASCHIO CONECTOR ELEMENTO MACHO	ILME	CNEM.16T 16 POLI	E20938109160			1
X43	**CONNETTORE CUSTODIA MOBILE** CONECTOR PROTECCION MOVIBLE	ILME	CAO 10.21	E20138014002			1
	CONNETTORE CUSTODIA FISSA CONECTOR PROTECCION FIJA	ILME	CHP 10	E20138012000			1
	CONNETTORE FISSO MASCHIO CONECTOR MACHO FIJO	ILME	CDDM 42	E20138309420			1
	CONNETTORE FISSO FEMMINA CONECTOR HEMBRA FIJO	ILME	CDDF 42	E20138310420			1
X44	**CONNETTORE FRUTTO MASCHIO** CONECTOR ELEMENTO MACHO	HARTING	0970006-2813 6P	E20733109060			1
	CONNETTORE FRUTTO FEMMINA CONECTOR ELEMENTO HEMBRA	HARTING	0970006-2616 6P	E20733110060			1
	CONNETTORE CUSTODIA FISSA CONECTOR PROTECCION FIJA	HARTING	09200003-1250	E20933011000			1
	CONNETTORE CUSTODIA VOLANTE CONECTOR PROTECCION PORTATIL	HARTING	09200003-1440	E20933013000			1
X45	**CONNETTORE FRUTTO MASCHIO** CONECTOR ELEMENTO MACHO	HARTING	0970006-2813 6P	E20733109060			1
	CONNETTORE FRUTTO FEMMINA CONECTOR ELEMENTO HEMBRA	HARTING	0970006-2616 6P	E20733110060			1
	CONNETTORE CUSTODIA FISSA CONECTOR PROTECCION FIJA	HARTING	09200003-1250	E20933011000			1
	CONNETTORE CUSTODIA VOLANTE CONECTOR PROTECCION PORTATIL	HARTING	09200003-1440	E20933013000			1
X46	**CONNETTORE CUSTODIA MOBILE** CONECTOR PROTECCION MOVIBLE	ILME	CAO 10.21	E20138014002			1
	CONNETTORE CUSTODIA FISSA CONECTOR PROTECCION FIJA	ILME	CHP 10	E20138012000			1
	CONNETTORE FRUTTO MASCHIO CONECTOR ELEMENTO MACHO	ILME	CNEM10T 10	E20938109001			1
	CONNETTORE FRUTTO FEMMINA CONECTOR ELEMENTO HEMBRA	ILME	CNEF 10T	E20938110001			1
X47	**CONNETTORE FRUTTO MASCHIO** CONECTOR ELEMENTO MACHO	HARTING	0970006-2813 6P	E20733109060			1
	CONNETTORE FRUTTO FEMMINA CONECTOR ELEMENTO HEMBRA	HARTING	0970006-2616 6P	E20733110060			1
	CONNETTORE CUSTODIA FISSA CONECTOR PROTECCION FIJA	HARTING	09200003-1250	E20933011000			1

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SIGLA COMPONENTE	DENOMINAZIONE DENOMINACION	MARCA MARCA	TIPO TIPO	CODICE CODIGO	NOTE NOTAS	⚠	Q.TA' CANTIDAD
	CONNETTORE CUSTODIA VOLANTE CONECTOR PROTECCION PORTATIL	HARTING	09200003–1440	E20933013000			1
X48	**CONNETTORE FRUTTO MASCHIO** CONECTOR ELEMENTO MACHO	HARTING	0970006–2813 6P	E20733109060			1
	CONNETTORE FRUTTO FEMMINA CONECTOR ELEMENTO HEMBRA	HARTING	0970006–2616 6P	E20733110060			1
	CONNETTORE CUSTODIA FISSA CONECTOR PROTECCION FIJA	HARTING	09200003–1250	E20933011000			1
	CONNETTORE CUSTODIA VOLANTE CONECTOR PROTECCION PORTATIL	HARTING	09200003–1440	E20933013000			1
X49	**CONNETTORE FRUTTO MASCHIO** CONECTOR ELEMENTO MACHO	HARTING	09200032611 3P 10A 300V	E20733109030			1
	CONNETTORE FRUTTO FEMMINA CONECTOR ELEMENTO HEMBRA	HARTING	09200032711 3P 10A 300V	E20733110030			1
	CONNETTORE CUSTODIA FISSA CONECTOR PROTECCION FIJA	HARTING	09200003–1250	E20933011000			1
	CONNETTORE CUSTODIA VOLANTE CONECTOR PROTECCION PORTATIL	HARTING	09200003–1440	E20933013000			1
X50	**CONNETTORE VOLANTE MASCHIO** CONECTOR PORTATIL MACHO	PHOENIX	4 POLI SACC–M8MS–4CON–M–SW 1501265	E50610473010			1
	CONNETTORE VOLANTE FEMMINA CONECTOR PORTATIL HEMBRA	PHOENIX	4 POLI SACC–M8FS–4CON–M–SW 1506891	E50610473011			1
X51	**CONNETTORE VOLANTE MASCHIO** CONECTOR PORTATIL MACHO	PHOENIX	M8 SACC–M8MS–3CON–M–SW 1501252	E50610473008			1
	CONNETTORE VOLANTE FEMMINA CONECTOR PORTATIL HEMBRA	PHOENIX	M8 SACC–M8FS–3CON–M–SW 1506888	E50610473009			1
X52	**CONNETTORE VOLANTE MASCHIO** CONECTOR PORTATIL MACHO	PHOENIX	M8 SACC–M8MS–3CON–M–SW 1501252	E50610473008			1
	CONNETTORE VOLANTE FEMMINA CONECTOR PORTATIL HEMBRA	PHOENIX	M8 SACC–M8FS–3CON–M–SW 1506888	E50610473009			1
X53	**CONNETTORE VOLANTE MASCHIO** CONECTOR PORTATIL MACHO	PHOENIX	M8 SACC–M8MS–3CON–M–SW 1501252	E50610473008			1
	CONNETTORE VOLANTE FEMMINA CONECTOR PORTATIL HEMBRA	PHOENIX	M8 SACC–M8FS–3CON–M–SW 1506888	E50610473009			1
Y10.8	**GRUPPO ARIA COMPRESSA-->vedi schema pneumat.** GRUPO AIRE COMPRIMIDO-->vease esquema neumat.	–	–	–		X	1
Y35.2	**ELETTROVALVOLA --> vedi schema pneumatico** ELECTROVALVULA--> vease esquema neumat.	–	–	–			1
Y40.5	**ELETTROVALVOLA --> vedi schema pneumatico** ELECTROVALVULA--> vease esquema neumat.	–	–	–			1
Y40.6	**ELETTROVALVOLA --> vedi schema pneumatico** ELECTROVALVULA--> vease esquema neumat.	–	–	–			1
Y40.7	**ELETTROVALVOLA --> vedi schema pneumatico** ELECTROVALVULA--> vease esquema neumat.	–	–	–			1
Y42.0	**ELETTROVALVOLA --> vedi schema pneumatico** ELECTROVALVULA--> vease esquema neumat.	–	–	–			1
Y42.3	**ELETTROVALVOLA --> vedi schema pneumatico** ELECTROVALVULA--> vease esquema neumat.	–	–	–			1
Y42.4	**ELETTROVALVOLA --> vedi schema pneumatico** ELECTROVALVULA--> vease esquema neumat.	–	–	–			1

SIGLA COMPONENTE	DENOMINAZIONE DENOMINACION	MARCA MARCA	TIPO TIPO	CODICE CODIGO	NOTE NOTAS	⚠	Q.TA' CANTIDAD
Y42.7	**ELETTROVALVOLA --> vedi schema pneumatico** ELECTROVALVULA--> vease esquema neumat.	–	–	–			1
Y43.6	**ELETTROVALVOLA --> vedi schema pneumatico** ELECTROVALVULA--> vease esquema neumat.	–	–	–			1
Z01.2	**FILTRO DI RETE** FILTRO DE RED	FINMOTOR	FIN 1740ESM.0.36.MN 36A	E3042F006311			1

Schmucker MARCHESINI GROUP	DRAWN BY C.Cappello	MACHINE TYPE BUSTINATRICE MÁQUINA ENSOBRADORA			NEXT PAGE
	CHD BY M.Bradamante	DESCRIPTION DISTINTA MATERIALI LISTA DE LOS MATERIAL	DIAGRAM POSITION ES4220003.sch	DIAGRAM VERSION 1.0	PAGE Z–ZDIST.12
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