

JOB: 1E35

SLS

L.V. POWER DISTRIBUTION BOARD 90.LVB.1A

(DESMET BALLESTRA SUPPLY)

WIRING DIAGRAMS

INDEX - TAGS LIST

EQUIPMENTS LIST - TERMINAL STRIP

 <small>desmet ballestra</small>	The master version of this document is stored as a digital file in a software archive. Approval process is digitally managed, details do not show on paper copies. <i>L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.</i>				
	Drawing supplier 10.CC1K2583.E01	Rev. 1			
Drawing 1E35-75-101	Sheets 1 of 102				
Plant SLS			1 AFTER TEST	A. EMONTE	28/05/2010
			0 FIRST ISSUE	A. EMONTE	20/04/2010

Sheet	Revisions					
	Description	0	1	2	3	
001	COVER PAGE (EXCEL 2000 Program)	x	x			
002	INDEX (EXCEL 2000 Program)	x	x			
003	INDEX (EXCEL 2000 Program)	x	x			
004	INDEX (EXCEL 2000 Program)	x	x			
005	INDEX (EXCEL 2000 Program)	x	x			
006	SYMBOL LIST	x	x			
007	TOPOGRAPHIC VIEW	x	x			
008	FRONT VIEW	x	x			
009	FRONT VIEW	x	x			
010	AVAILABLE	x	x			
011	AVAILABLE	x	x			
012	AVAILABLE	x	x			
013	AVAILABLE	x	x			
014	INTERNAL VIEW	x	x			
015	INTERNAL VIEW	x	x			
016	AVAILABLE	x	x			
017	AVAILABLE	x	x			
018	AVAILABLE	x	x			
019	AVAILABLE	x	x			
020	PLATES LIST (EXCEL 2000 Program)	x	x			
021	PLATES LIST (EXCEL 2000 Program)	x	x			
022	PLATES LIST (EXCEL 2000 Program)	x	x			
023	PLATES LIST (EXCEL 2000 Program)	x	x			
024	PLATES LIST (EXCEL 2000 Program)	x	x			
025	PLATES LIST (EXCEL 2000 Program)	x	x			
026	AVAILABLE	x	x			
027	AVAILABLE	x	x			
028	AVAILABLE	x	x			
029	ONE LINE DIAGRAM	x	x			
030	ONE LINE DIAGRAM	x	x			
031	ONE LINE DIAGRAM	x	x			
032	ONE LINE DIAGRAM	x	x			
033	ONE LINE DIAGRAM	x	x			
034	ONE LINE DIAGRAM	x	x			
035	ONE LINE DIAGRAM	x	x			
036	AVAILABLE	x	x			
037	AVAILABLE	x	x			
038	AVAILABLE	x	x			
039	AVAILABLE	x	x			
040	AVAILABLE	x	x			
041	AVAILABLE	x	x			
042	AVAILABLE	x	x			
043	AVAILABLE	x	x			
044	AVAILABLE	x	x			
045	AVAILABLE	x	x			

Sheet	Revisions					
	Description	0	1	2	3	
046	+1A INCOMING LINE 380/220-50Hz	x	x			
047	+1B (A) GENERAL SERVICES 220V 50Hz	x	x			
048	+1B (B) GENERAL SERVICES 220V 50Hz	x	x			
049	+1C AUXILIARY SERVICES 110/24V	x	x			
050	+2A (A) WIRING DIAGRAM M 77K1	x	x			
051	+2A (B) WIRING DIAGRAM M 77K1	x	x			
052	+2B WIRING DIAGRAM FEED. 110Vac	x	x			
053	+2C WIRING DIAGRAM KC 77.1	x	x			
054	+2D WIRING DIAGRAM KC 77.2	x	x			
055	+2E WIRING DIAGRAM BK 77.1	x	x			
056	+2F WIRING DIAGRAM 90.CAB.1A	x	x			
057	AVAILABLE	x	x			
058	+3A (A) WIRING DIAGRAM M 77K3	x	x			
059	+3A (B) WIRING DIAGRAM M 77K3	x	x			
060	+3B (A) WIRING DIAGRAM M 77K4	x	x			
061	+3B (B) WIRING DIAGRAM M 77K4	x	x			
062	+4A (A) WIRING DIAGRAM M 77A1	x	x			
063	+4A (B) WIRING DIAGRAM M 77A1	x	x			
064	+4B (A) WIRING DIAGRAM M 77N1	x	x			
065	+4B (B) WIRING DIAGRAM M 77N1	x	x			
066	+4C (A) WIRING DIAGRAM M 77SR1A/B	x	x			
067	+4C (B) WIRING DIAGRAM M 77SR1A/B	x	x			
068	AVAILABLE	x	x			
069	AVAILABLE	x	x			
070	+5A (A) WIRING DIAGRAM M 77A2	x	x			
071	+5A (B) WIRING DIAGRAM M 77A2	x	x			
072	+6A (A) WIRING DIAGRAM M 77P1	x	x			
073	+6A (B) WIRING DIAGRAM M 77P1	x	x			
074	+6B (A) WIRING DIAGRAM M 77P2	x	x			
075	+6B (B) WIRING DIAGRAM M 77P2	x	x			
076	+6C (A) WIRING DIAGRAM M 77P7	x	x			
077	+6C (B) WIRING DIAGRAM M 77P7	x	x			
078	TERMINAL STRIP 1A-B-C - XT	x	x			
079	TERMINAL STRIP +2A - XT	x	x			
080	TERMINAL STRIP +2C - XT	x	x			
081	TERMINAL STRIP +2D - XT	x	x			
082	TERMINAL STRIP +2E - XT	x	x			
083	TERMINAL STRIP +2F - XT	x	x			
084	AVAILABLE	x	x			
085	TERMINAL STRIP +3A - XT	x	x			
086	TERMINAL STRIP +3B - XT	x	x			
087	TERMINAL STRIP +4A - XT	x	x			
088	TERMINAL STRIP +4B - XT	x	x			
089	TERMINAL STRIP +4C - XT	x	x			
090	AVAILABLE					

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 desmet ballestra	Drawing supplier 10.CC1K2583.E01	Rev. 1	Plant SLS				
	Drawing 1E35-75-101	Sheet 2	Drawing's title INDEX	1	AFTER TEST	A. EMONTE	28/05/2010
				0	FIRST ISSUE	A. EMONTE	20/04/2010
		Next 3		Revision	Issue description	Author	Date

Sheet	Revisions					
	Description	0	1	2	3	
091	TERMINAL STRIP +5A - XT	x	x			
092	TERMINAL STRIP +6A - XT	x	x			
093	TERMINAL STRIP +6B - XT	x	x			
094	TERMINAL STRIP +6C - XT	x	x			
095	EQUIPMENT LIST (EXCEL 2000 Program)	x	x			
096	EQUIPMENT LIST (EXCEL 2000 Program)	x	x			
097	EQUIPMENT LIST (EXCEL 2000 Program)	x	x			
098	EQUIPMENT LIST (EXCEL 2000 Program)	x	x			
099	EQUIPMENT LIST (EXCEL 2000 Program)	x	x			
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101	EQUIPMENT LIST (EXCEL 2000 Program)	x	x			
102	EQUIPMENT LIST (EXCEL 2000 Program)	x	x			
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Sheet	Revisions					
	Description	0	1	2	3	
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 desmet ballestra	Drawing supplier 10.CC1K2583.E01	Rev. 1	Plant SLS			
	Drawing 1E35-75-101	Sheet 3	Drawing's title INDEX	1	AFTER TEST	A. EMONTE 28/05/2010
				0	FIRST ISSUE	A. EMONTE 20/04/2010
		Next 4		Revision	Issue description	Author Date

Sheet	Revisions				
	Description	0	1	2	3
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Sheet	Revisions				
	Description	0	1	2	3
226					
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 desmet ballestra	Drawing supplier 10.CC1K2583.E01	Rev. 1	Plant SLS			
	Drawing 1E35-75-101	Sheet 4	Drawing's title INDEX	1	AFTER TEST	A. EMONTE 28/05/2010
		Next 5		0	FIRST ISSUE	A. EMONTE 20/04/2010
				Revision	Issue description	Author Date

Sheet	Revisions				
	Description	0	1	2	3
271					
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Sheet	Revisions				
	Description	0	1	2	3
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 desmet ballestra	Drawing supplier 10.CC1K2583.E01	Rev. 1	Plant SLS			
	Drawing 1E35-75-101	Sheet 5	Drawing's title INDEX	1	AFTER TEST	A. EMONTE 28/05/2010
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				Revision	Issue description	Author Date

A	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
		F FUSE		K CONTACTOR		S OPERATED BY TURNING		R RESISTOR
B		Q DISCONNECTOR		K OPERATING DEVICE		S OPERATED BY KEY		R SHUNT
C		Q SWITCH DISCONNECTOR		K BREAK AND MAKES AUXILIARY CONTACT		S 1- EMERGENCY PUSH-BUTTON 2- EMERGENCY PUSH-BUTTON LACTING		R HEATING ELEMENT
D		F SWITCH DISCONNECTOR WITH FUSE		Q K NORMALLY CLOSED AND NORMALLY OPEN MAKE CONTACTS		S BREAK AND MAKE CONTACT WITH SPRING RETURN		C CAPACITOR
E		F FUSE SWITCH DISCONNECTOR		F ACTUATING DEVICE OF A THERMAL RELAY		S SINGLE POLE N-POSITION SWITCH		V DIODE
F		Q CIRCUIT BREAKER		F SELF-OPERATING THERMAL SWITCH CONTACT		S LIMIT SWITCH BREAK CONTACT AND MAKE CONTACT		L INDUCTOR
G		Q CIRCUIT BREAKER WITH AUTOMATIC RELEASE, THERMAL AND ELECTROMAGNETIC OPERATION		K RELAY COIL OF A SLOW-OPERATING RELAY		H SIGNAL LAMP		T TRANSFORMER
H		Q CIRCUIT BREAKER WITH AUTOMATIC RELEASE, OPERATING BY DIFFERENTIAL CURRENT		K RELAY COIL OF A SLOW-RELEASING RELAY		H SIGNAL LAMP FLASHING TYPE		X TERMINAL STRIP
I						H INDICATOR ELECTROMECH.		X TERMINAL STRIP ON PLC
J				S 1- OPERATED BY HANDLE 2- OPERATED BY PUSHING		Y SOLENOID VALVE		X TERMINAL STRIP ON LOCAL PANELS
K								X TERMINAL STRIP ON OTHER BOARD

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Moditechs.r.l.

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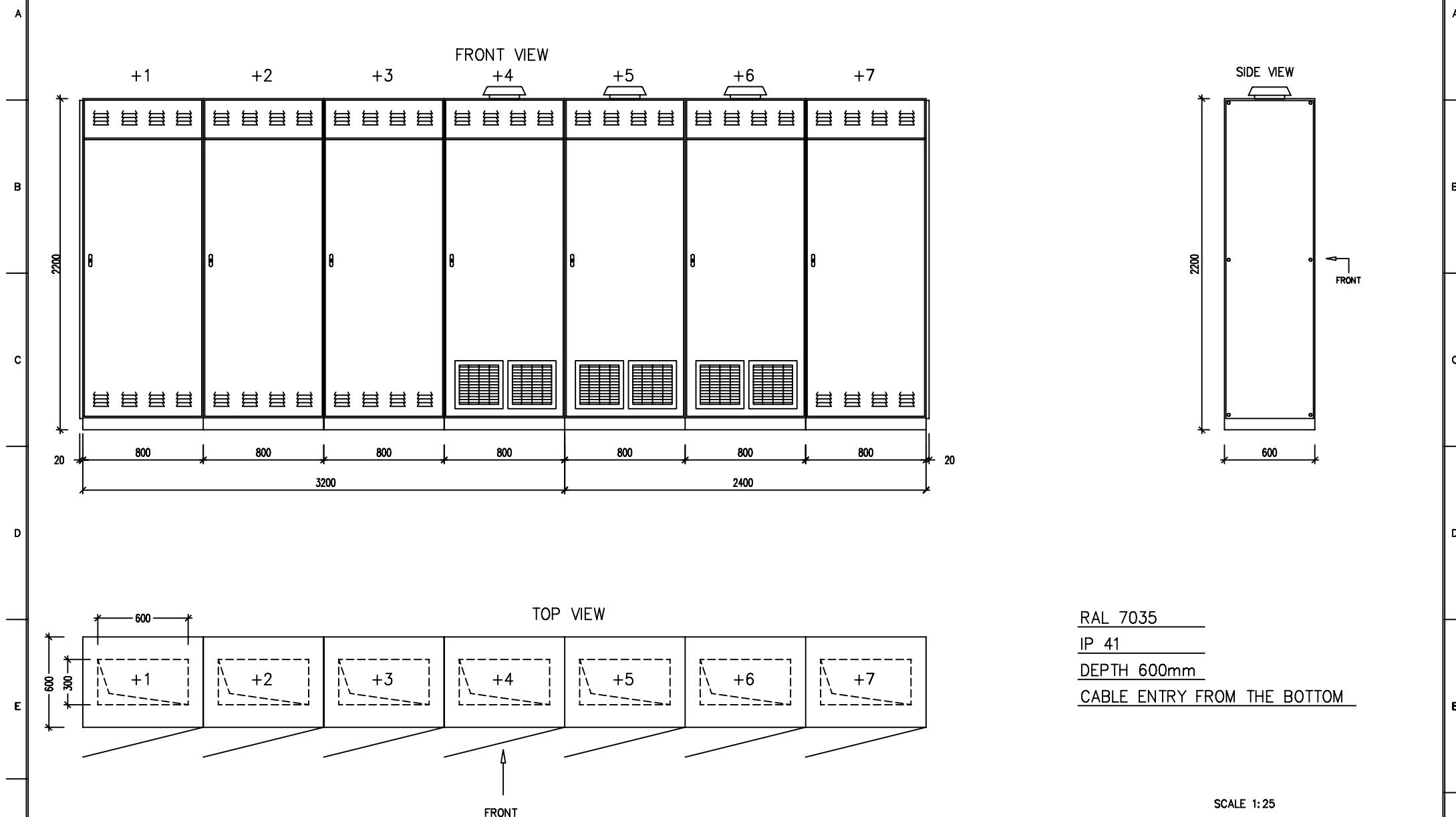
Dis. 10.CC1K2583.E01

Job: 1E35 dwg. 1E35-75-101

sheet 006
007 n.sh



1 2 3 4 5 6 7 8



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UNI A3	AFTER TEST	A. EMONTE	28/05/2010	SLS	TOPOGRAPHIC VIEW	Dis. 10.CC1K2583.E01	= 90.LVB.1A
1	FIRST ISSUE	A. EMONTE	20/04/2010	Author	Date	Job: 1E35	+
rev.	Issue Description	Author	Date	Client Ref.	drawing's title:	dwg. 1E35-75-101	sheet 007 008 n.sh
It. DIN 6771/Teil 5 1	2	3	4	5	6	7	8

Moditechs.r.l.

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UNI A3

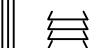
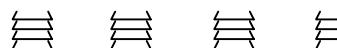
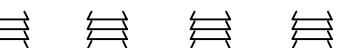
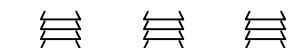
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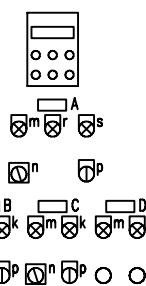
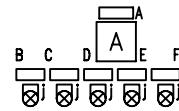
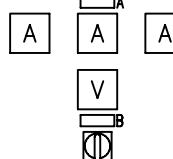
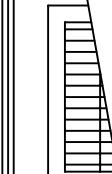
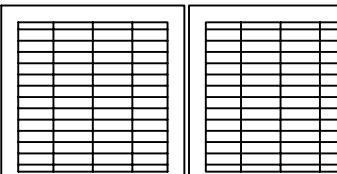
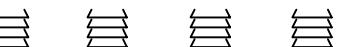
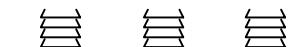
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90.LVB.1A

Moditech

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Moditech s.r.l.

= 90.LVB.1A

It.	DIN 6771/Teil	5	1	2	3	4	5	6	7	8
1	AFTER TEST									
0	FIRST ISSUE	A. EMONTE	28/05/2010							
rev.	Issue	Description	Author	Date						

SLS



FRONT VIEW
COLUMN +1 / +2 / +3 / +4
drawing's title:

Dis. 10.CC1K2583.E01

Job: 1E35

dwg. 1E35-75-101

sheet 008
009 n.sh

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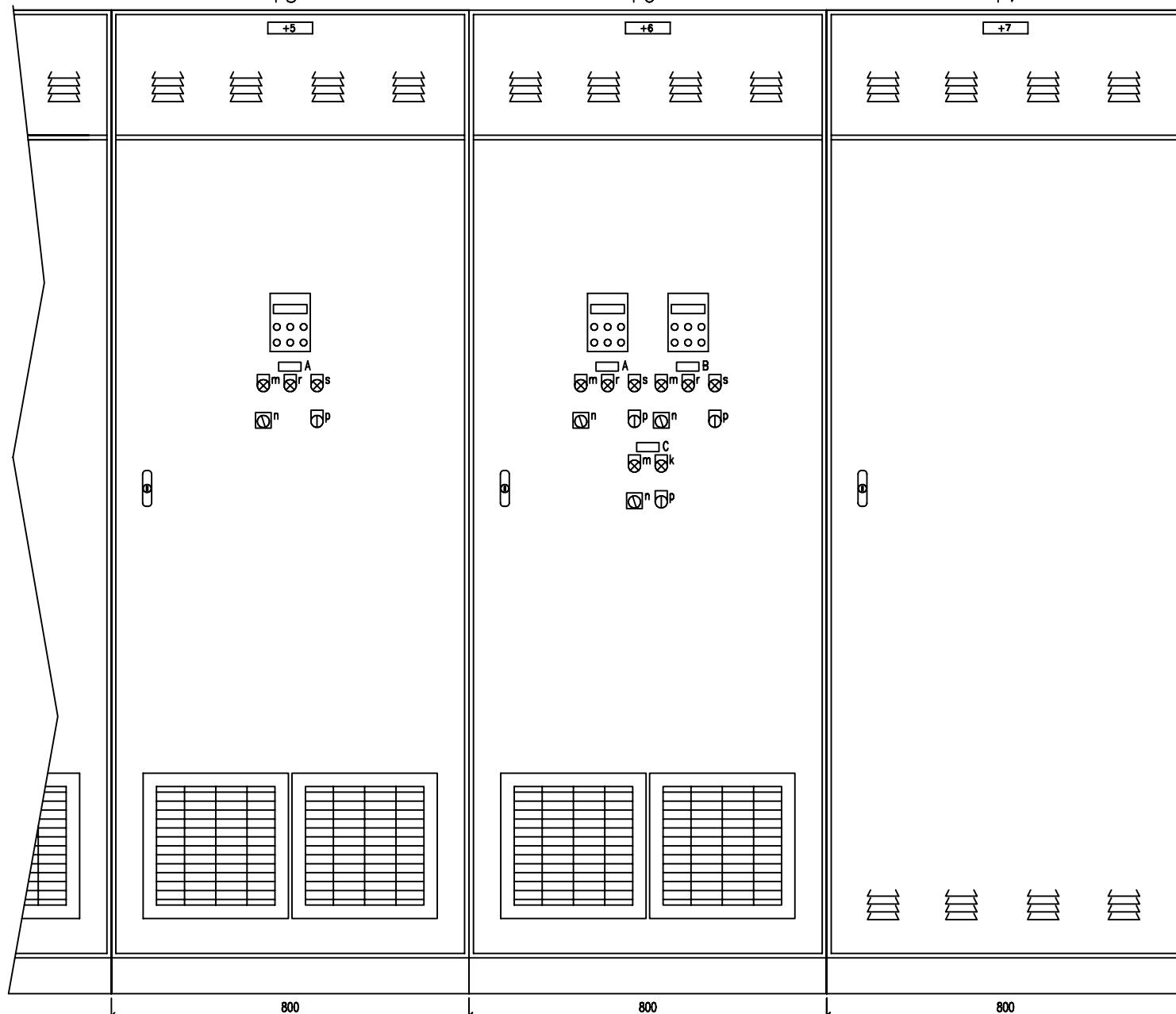
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Moditech s.r.l.

= 90.LVB.1A
 Dis. 10.CC1K2583.E01
 Job: 1E35 dwg. 1E35-75-101
 sheet 009
 014 n.sh

It.	DIN 6771/Teil	5	1				
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0	FIRST ISSUE			A. EMONTE	20/04/2010		
rev.	Issue Description	Author	Date				

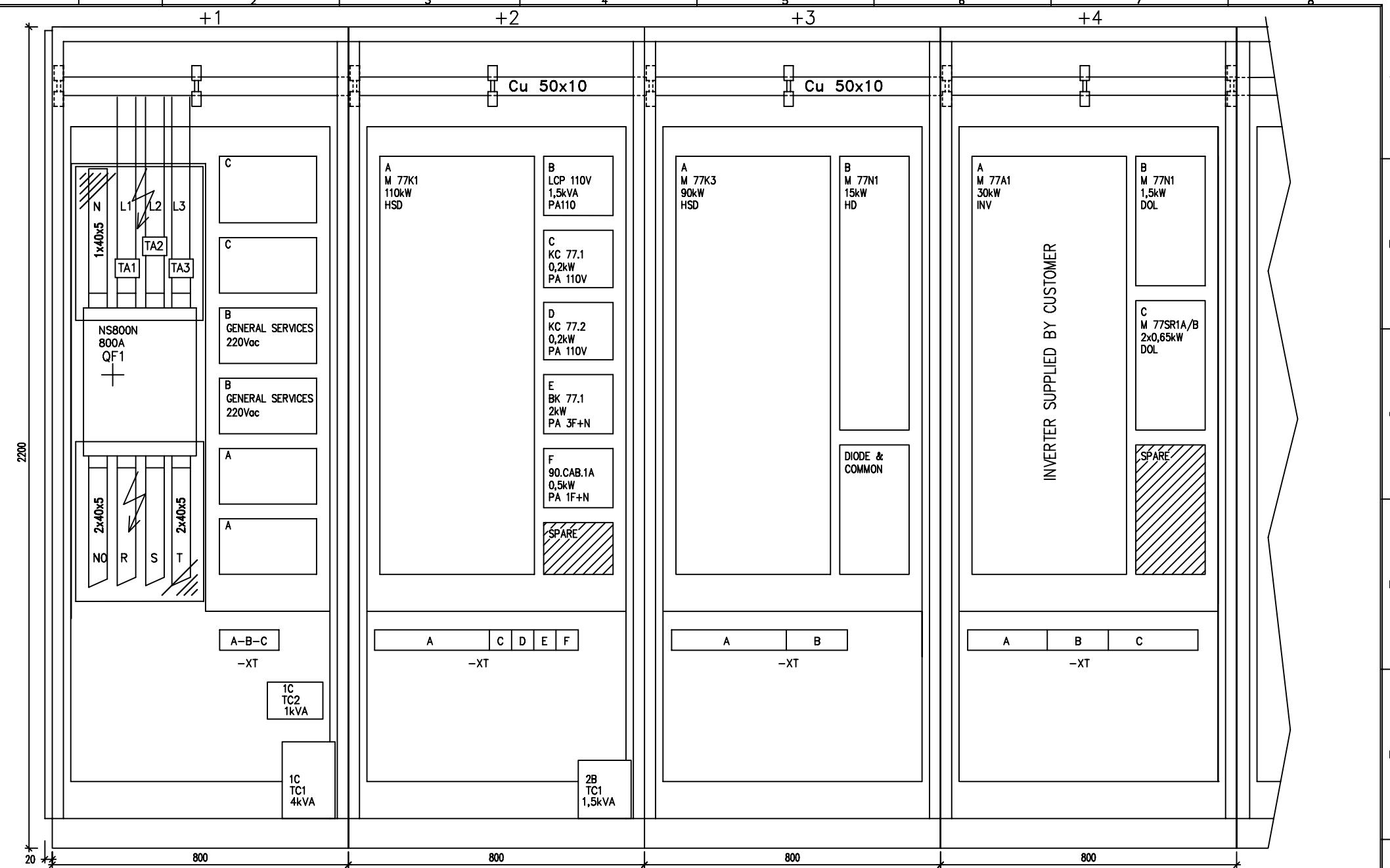
SLS



FRONT VIEW
 COLUMN +5 / +6 / +7
 drawing's title:

Dis. 10.CC1K2583.E01

Job: 1E35 dwg. 1E35-75-101



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Moditech s.r.l.

UNI A3				INTERNAL VIEW		Dis. 10.CC1K2583.E01		= 90.LVB.1A	
1	AFTER TEST	A. EMONTE	28/05/2010	SLS				+	
0	FIRST ISSUE	A. EMONTE	20/04/2010	Author	Date				
rev.	Issue Description					drawing's title:		Job: 1E35	
It. DIN 6771/Teil 5 1						dwg. 1E35-75-101		sheet 014	
								015 n.sh	

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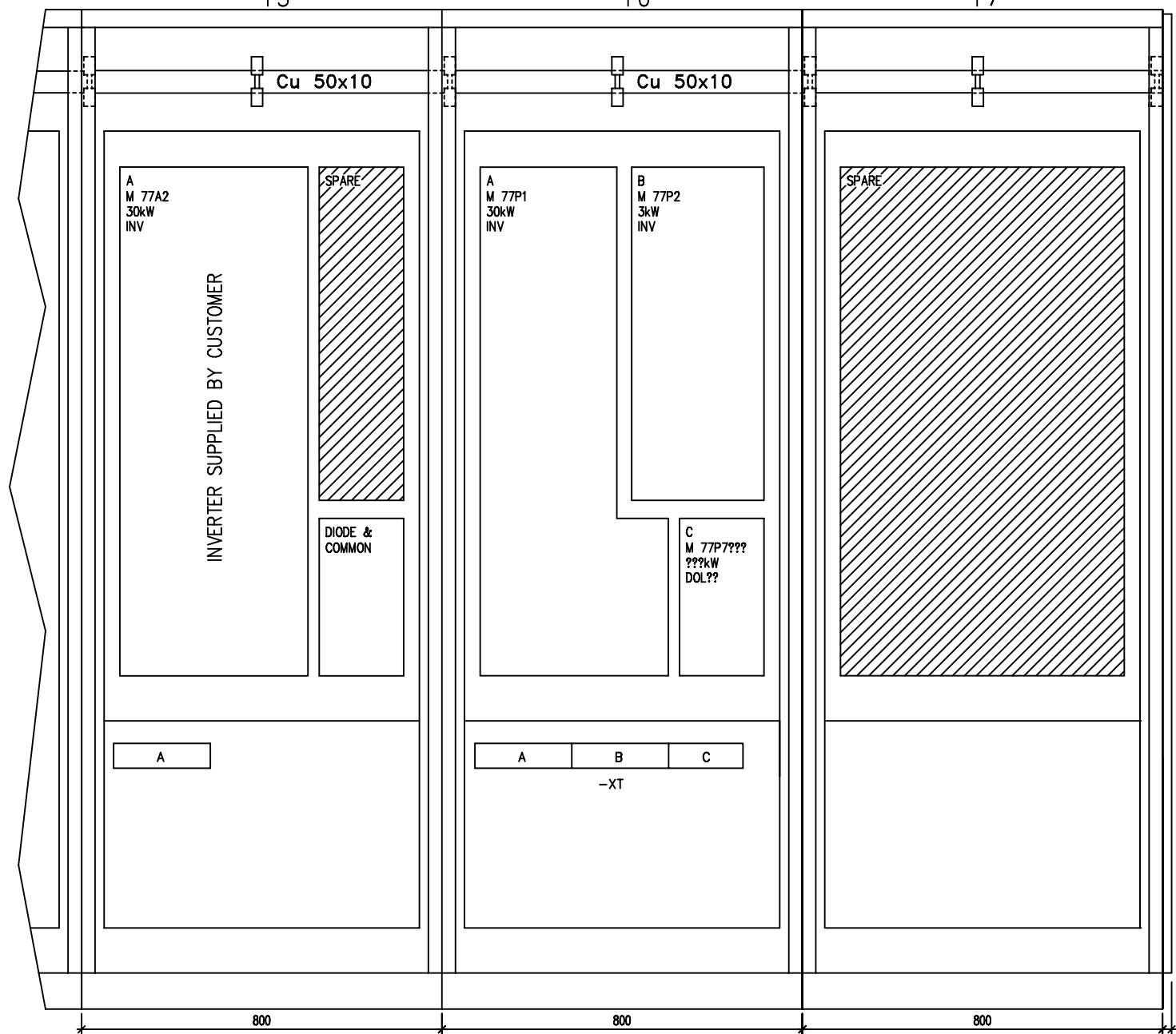
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Moditech s.r.l.

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Dis. 10.CC1K2583.E01
Job: 1E35 dwg. 1E35-75-101
sheet 015
020 n.sh

It.	DIN 6771/Teil	5	1	2	3	4	5	6	7	8
1	AFTER TEST			A. EMONTE	28/05/2010					
0	FIRST ISSUE			A. EMONTE	20/04/2010					
rev.	Issue	Description	Author	Date						

SLS



INTERNAL VIEW
drawing's title:

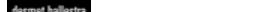
Dis. 10.CC1K2583.E01

Job: 1E35 dwg. 1E35-75-101

sheet 015
020 n.sh

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 desmet ballersta	Drawing supplier 10.CC1K2583.E01	Rev. 1	Plant SLS				
	Drawing 1E35-75-101	Sheet 020	Drawing's title PLATES LIST	1	AFTER TEST	A. EMONTE	28/05/10
		Next 021		0	FIRST ISSUE	A. EMONTE	20/04/10
				Revision	Issue description	Author	Date

Materials : Plastic				Bottom : White	Writing : Black	Fixing : Screw		
Pos.	Q.ty	Initial	Dimens. mm.	READING			Type (mm)	
				First line	Second line	Third line	Height	Remarks
+1A	1		V50x15	LINE CURRENT			3	
+1B	1		V50x15	LINE VOLTAGE			3	
+1C	1		V50x15	380/220V-50Hz	INCOMING FEEDING		3	
+2A	2		V50x15	M 77K1	DRYING AIR	FEEDING FAN	3	
+2B	1		V50x15	110V-50Hz	LOCAL PANEL	FEEDING	3	
+2C	1		V50x15	KC 77.1	FILTER 77F1	L.C.P.	3	
+2D	1		V50x15	KC 77.2	FILTER 77F2	L.C.P.	3	
+2E	1		V50x15	BK 77.1	BURNER 77H1	L.C.P.	3	
+2F	1		V50x15	90.CAB.1A	GENERAL SERVICES	PLC CABINETS	3	
							3	
+3A	2		V50x15	M 77K3	DRYING AIR	EXTRACTION FAN	3	
+3B	1		V50x15	M 77K4	AIR LIFT	FAN	3	
+4A	1		V50x15	M 77A1	FAS STORAGE	TANK AGITATOR	3	
+4B	1		V50x15	M 77N1	AIR LIFT	FEEDING BELT	3	
+4C	1		V50x15	M 77SR1A	SLS POWDER	VIBRATING SIEVE	3	
+4D	1		V50x15	M 77SR1B	SLS POWDER	VIBRATING SIEVE	3	

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 <small>desmet ballestra</small>	Drawing supplier 10.CC1K2583.E01	Rev. 1	Plant SLS				
	Drawing 1E35-75-101	Sheet 021 Next 022	Drawing's title PLATES LIST	1	AFTER TEST	A. EMONTE	28/05/10
				0	FIRST ISSUE	A. EMONTE	20/04/10
				Revision	Issue description	Author	Date

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 Moditech s.r.l.	Drawing supplier 10.CC1K2583.E01	Rev. 1	Plant SLS				
 desmet ballesta	Drawing 1E35-75-101	Sheet 022	Drawing's title PLATES LIST	1	AFTER TEST	A. EMONTE	28/05/10
		Next 023		0	FIRST ISSUE	A. EMONTE	20/04/10
				Revision	Issue description	Author	Date

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 Moditech s.r.l.	Drawing supplier 10.CC1K2583.E01	Rev. 1	Plant SLS				
 desmet ballestra	Drawing 1E35-75-101	Sheet 023	Drawing's title PLATES LIST	1	AFTER TEST	A. EMONTE	28/05/10
		Next 024		0	FIRST ISSUE	A. EMONTE	20/04/10
				Revision	Issue description	Author	Date

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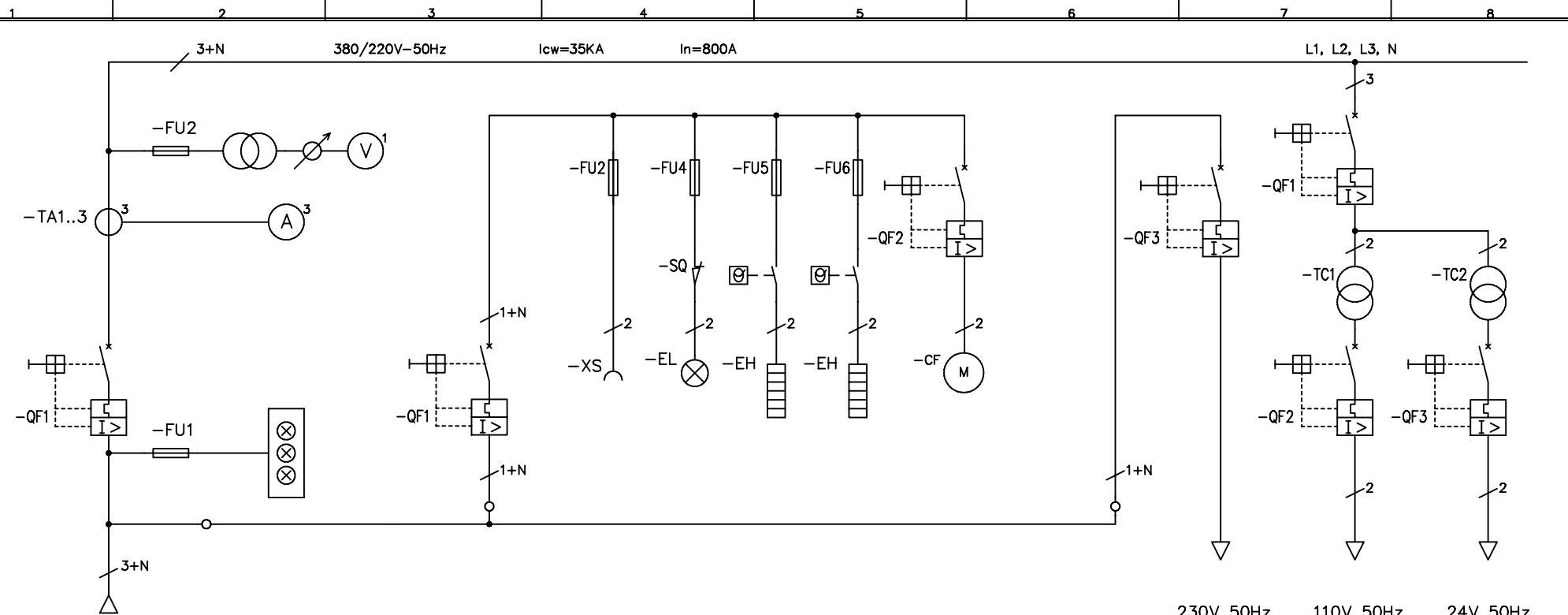
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 desmet ballersta	Drawing supplier 10.CC1K2583.E01	Rev. 1	Plant SLS				
	Drawing 1E35-75-101	Sheet 024	Drawing's title PLATES LIST	1	AFTER TEST	A. EMONTE	28/05/10
		Next 025		0	FIRST ISSUE	A. EMONTE	20/04/10
				Revision	Issue description	Author	Date

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 Moditech s.r.l.	Drawing supplier 10.CC1K2583.E01	Rev. 1	Plant SLS				
	Drawing 1E35-75-101	Sheet 025	Drawing's title PLATES LIST	1	AFTER TEST	A. EMONTE	28/05/10
		Next 029		0	FIRST ISSUE	A. EMONTE	20/04/10
				Revision	Issue description	Author	Date

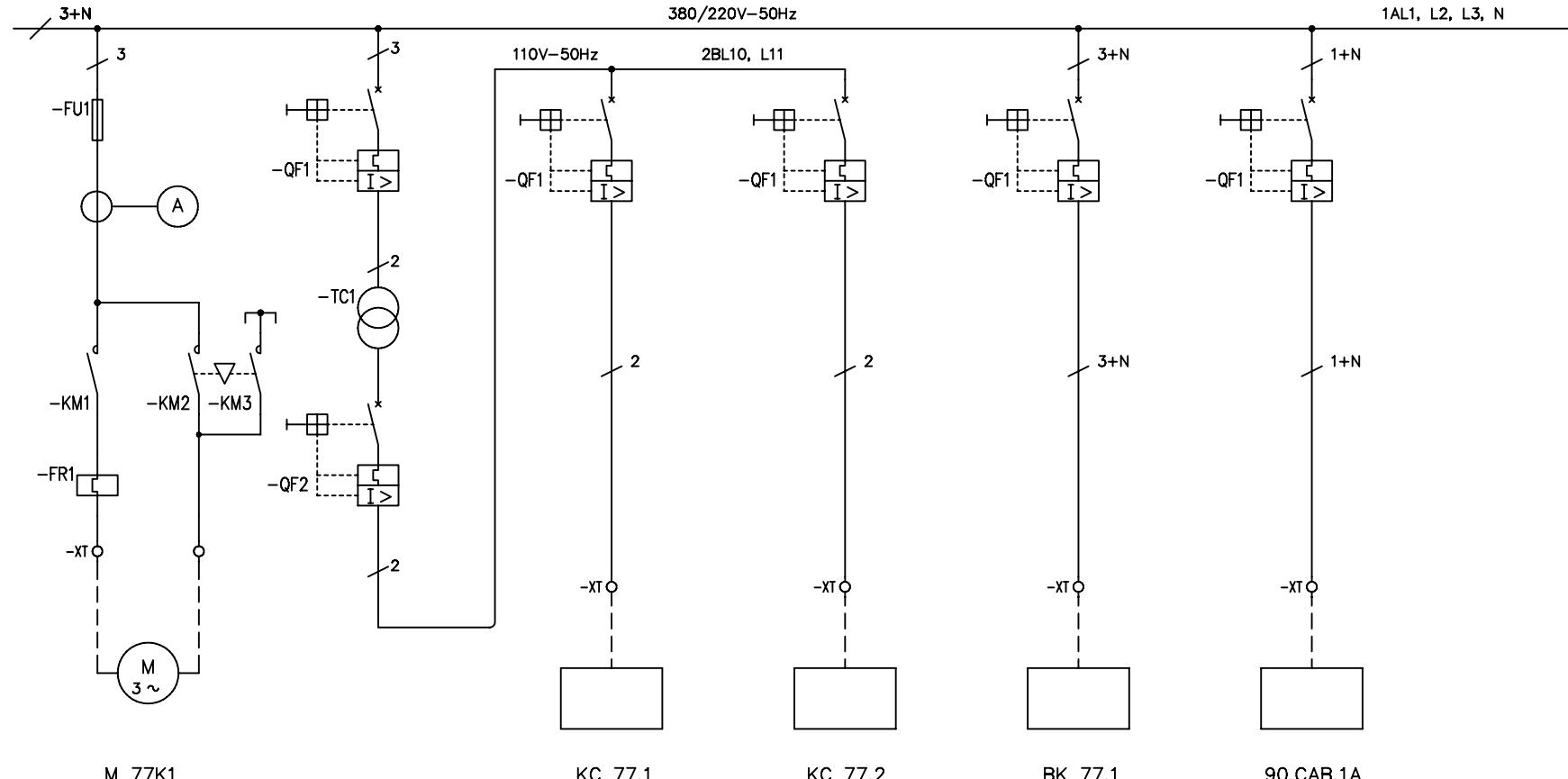


230V 50Hz 110V 50Hz 24V 50Hz

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Moditech s.r.l.

CIRCUITO	Feeder	+ 1A	+ 1B	+ 1C
DATI UTENZA Load Data	SIGLA Item DENOMINAZ. Service	MAIN FEEDING	GENERAL SERVICES	ANTICONDENSATE HEATER IN FIELD
POTENZA NOMINALE Rated Power	.. kW		3520 VA	2200 VA
DATI ELETTRICI Electrical Data	In .. A Vn 380/220V Hz 50Hz		10A 220V 50Hz	10A 220V 50Hz
SCHEMI PARTICOLARI Particularly Diagramm				
POTENZA ASSORBITA Absorbed power				
CABLAGGIO Wiring	3 x (CU 2x40x5) + PE 1 x (40x8)	25/4 mm ²	25/2,5 mm ²	10/10/16 mm ² 10/10 mm ²
AFTER TEST	A. EMONTE 28/05/2010			= 90.LVB.1A
FIRST ISSUE	A. EMONTE 20/04/2010			+ 1
rev.	Issue Description	Author Date	ONE LINE DIAGRAM	sheet 029
It. DIN 6771/Teil 5 1		SLS	Dis. 10.CC1K2583.E01	030 n.sh
			Job: 1E35	dwg. 1E35-75-101



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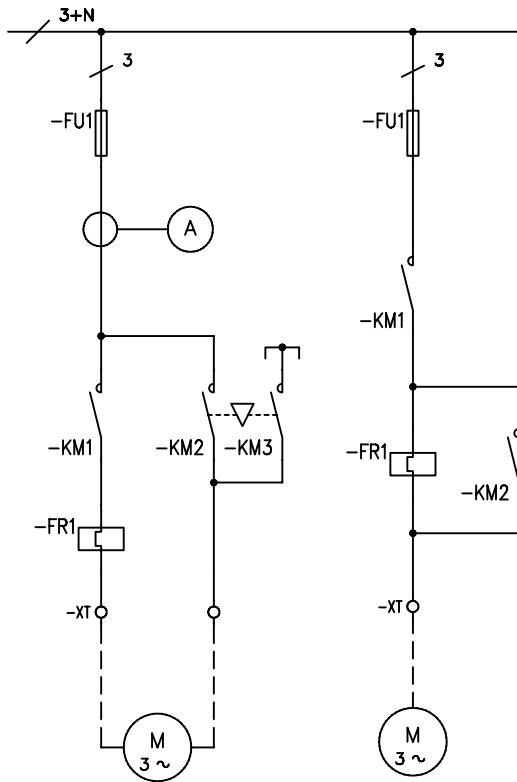
Moditech s.r.l.

CIRCUITO Feeder		+ 2A		+ 2B		+ 2D		+ 2D		+ 2E		+ 2F			
DATI DI VIENZA Load Data	SIGLA Item DENOMINAZ. Service	DRYING AIR FEEDING FAN		LOCAL PANEL FEEDING 110V-50Hz		FILTER 77F1		FILTER 77F2		BURNER 77H1		PLC CABINETS GENERAL SERVICES			
POTENZA NOMINALE Rated Power		110kW		1,5kVA		0,2kW		0,2kW		..kVA		0,5kVA			
DATI ELETTRICI Electrical Data		In Vn Hz	204A 380V 50Hz	10A 110V 50Hz	1A 110V 50Hz	1A 110V 50Hz	16A 380/220V 50Hz	2A 220V 50Hz							
SCHEMI PARTICOLARI Particularly Diagramm															
POTENZA ASSORBITA Absorbed power															
CABLAGGIO Wiring		185/95 mm ²		6/4 mm ²		4/2,5 mm ²		4/2,5 mm ²		6/4 mm ²		6/2,5 mm ²			
														= 90.LVB.1A	
														+ 2	
1	AFTER TEST	A. EMONTE	28/05/2010	SLS				ONE LINE DIAGRAM drawing's title:		Dis. 10.CC1K2583.E01					
0	FIRST ISSUE	A. EMONTE	20/04/2010							Job: 1E35		dwg. 1E35-75-101		sheet 030 031 n.sch	
rev.	Issue Description	Author	Date												
DIN 6771 / Teil 5 1		2		3		4		5		6		7		8	

1 2 3 4 5 6 7 8

380/220V-50Hz

1AL1, L2, L3, N



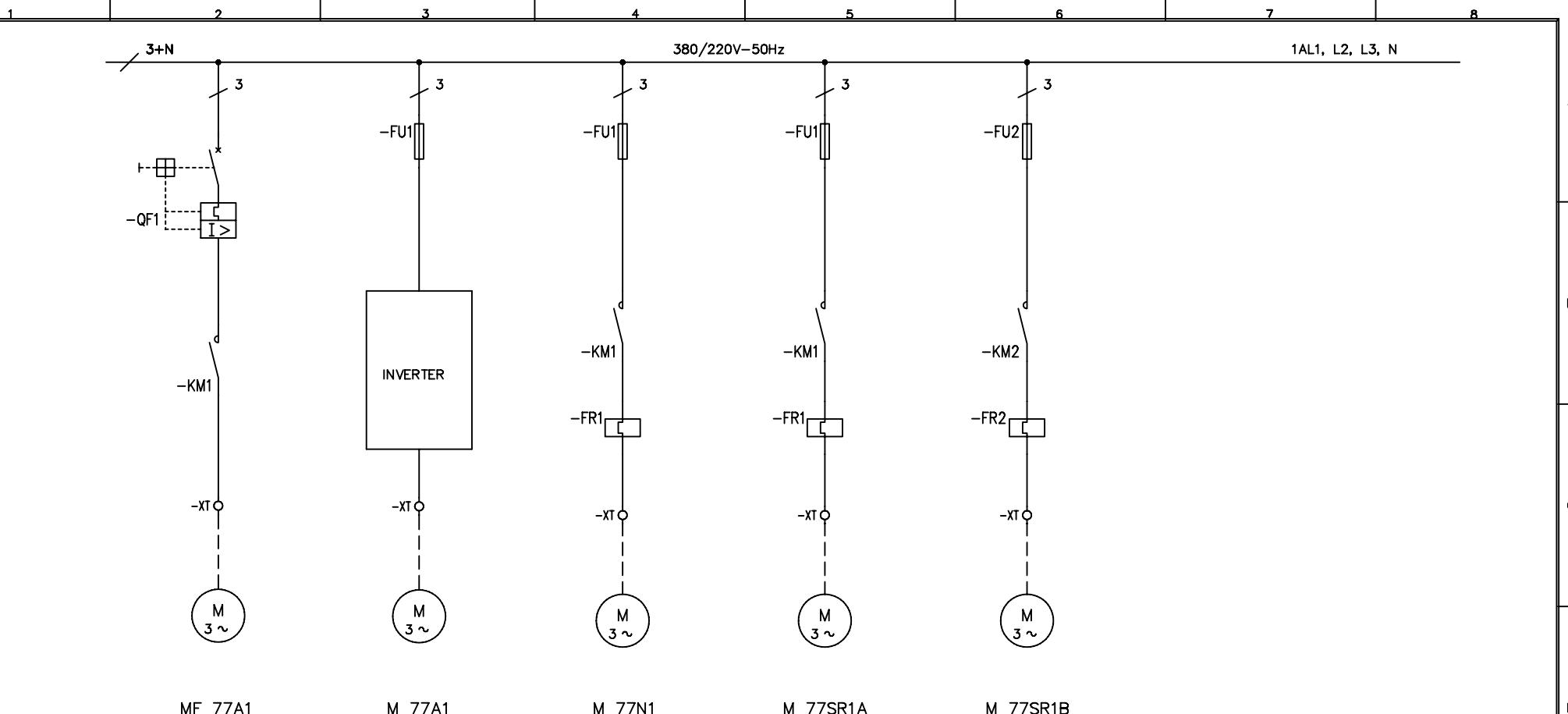
M 77K3

M 77K4

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Moditech_{s.r.l.}

CIRCUITO		Feeder	+ 3A	+ 3B				
DATI UTENZA Load Data	SIGLA Item DENOMINAZ. Service	DRYING AIR EXTRACTION FAN	AIR LIFT FAN					
E	POTENZA NOMINALE Rated Power	90kW	15kW					
DATI ELETTRICI Electrical Data	In Vn Hz	163A 380V 50Hz	28.2A 380V 50Hz					
SCHEMI PARTICOLARI Particularly Diagramm								
POTENZA ASSORBITA Absorbed power								
F	CABLAGGIO Wiring	150/70 mm ²	16 mm ²					
UNI A3								= 90.LVB.1A
1	AFTER TEST	A. EMONTE	28/05/2010	SLS		ONE LINE DIAGRAM	Dis. 10.CC1K2583.E01	+ 3
0	FIRST ISSUE	A. EMONTE	20/04/2010	Current Indicators		drawing's title:	Job: 1E35	sheet 031
rev.	Issue Description	Author	Date				dwg. 1E35-75-101	032 n.sh
It. DIN 6771/Teil 5 1		2	3	4	5	6	7	8

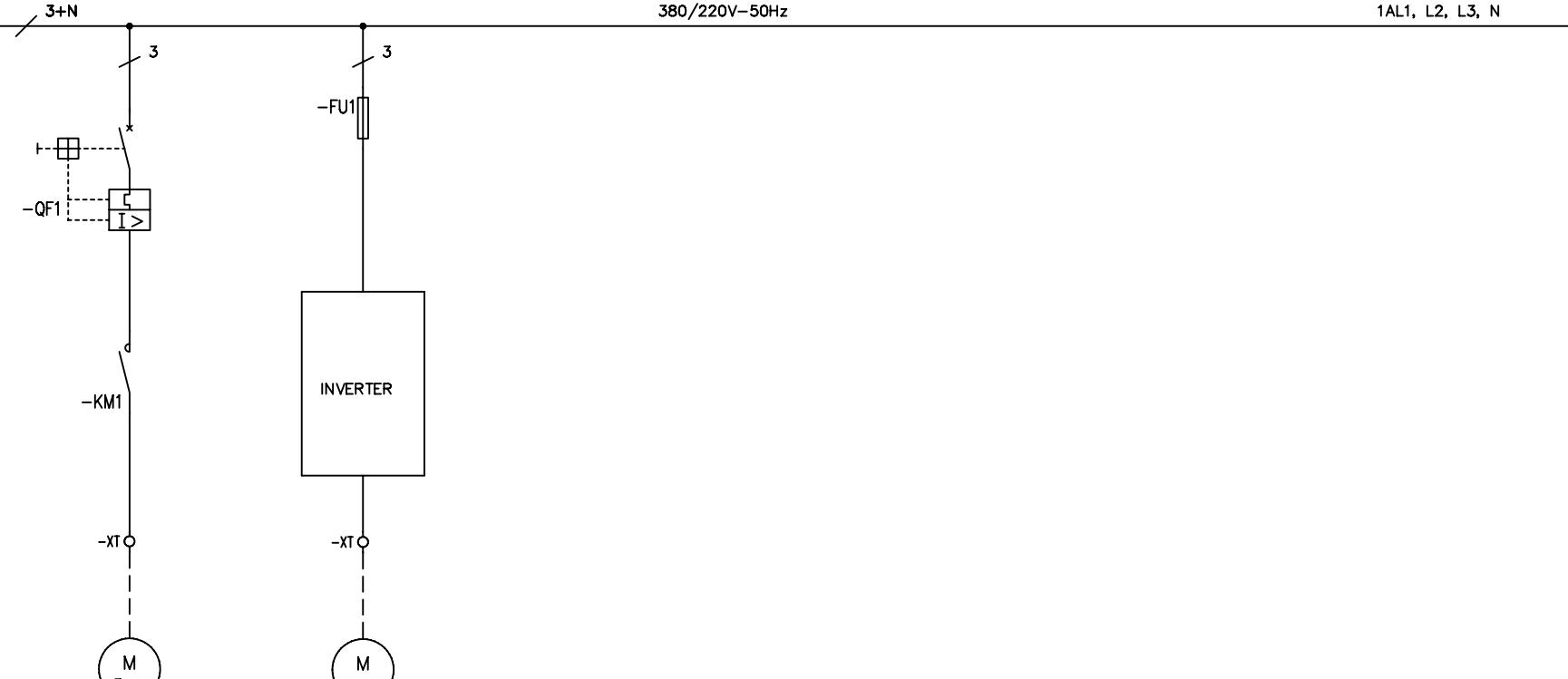


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Moditech_{s.r.l.}

CIRCUITO		Feeder	+ 4A		+ 4B	+ 4C			
DATI UTENZA Load Data	SIGLA Item DENOMINAZ. Service	AUXILIARY COOLING FAN	FAS STORAGE TANK	AIR LIFT FEEDING BELT	SLS POWDER VIBRATING SIEVE				
E	POTENZA NOMINALE Rated Power	..kW	..kW	1,5kW	0,65kW	0,65kW			
DATA ELETTRICI Electrical Data	In Vn Hz	..A 380V 50Hz	..A 380V 50Hz	3,7A 380V 50Hz	0,95A 380V 50Hz	0,95A 380V 50Hz			
SCHEMI PARTICOLARI Particularly Diagramm									
POTENZA ASSORBITA Absorbed power									
F	CABLAGGIO Wiring	6/... mm ²	35 mm ²	6/2,5 mm ²	6/2,5 mm ²	6/2,5 mm ²			
UNI A3									= 90.LVB.1A
1	AFTER TEST	A. EMONTE	28/05/2010	SLS		ONE LINE DIAGRAM		Dis. 10.CC1K2583.E01	+ 4
0	FIRST ISSUE	A. EMONTE	20/04/2010	Author		drawing's title:		Job: 1E35	sheet 032
rev.	Issue Description	Date						dwg. 1E35-75-101	033 n.sh
It. DIN 6771/Teil 5 1		2	3	4	5	6	7	8	

1 2 3 4 5 6 7 8



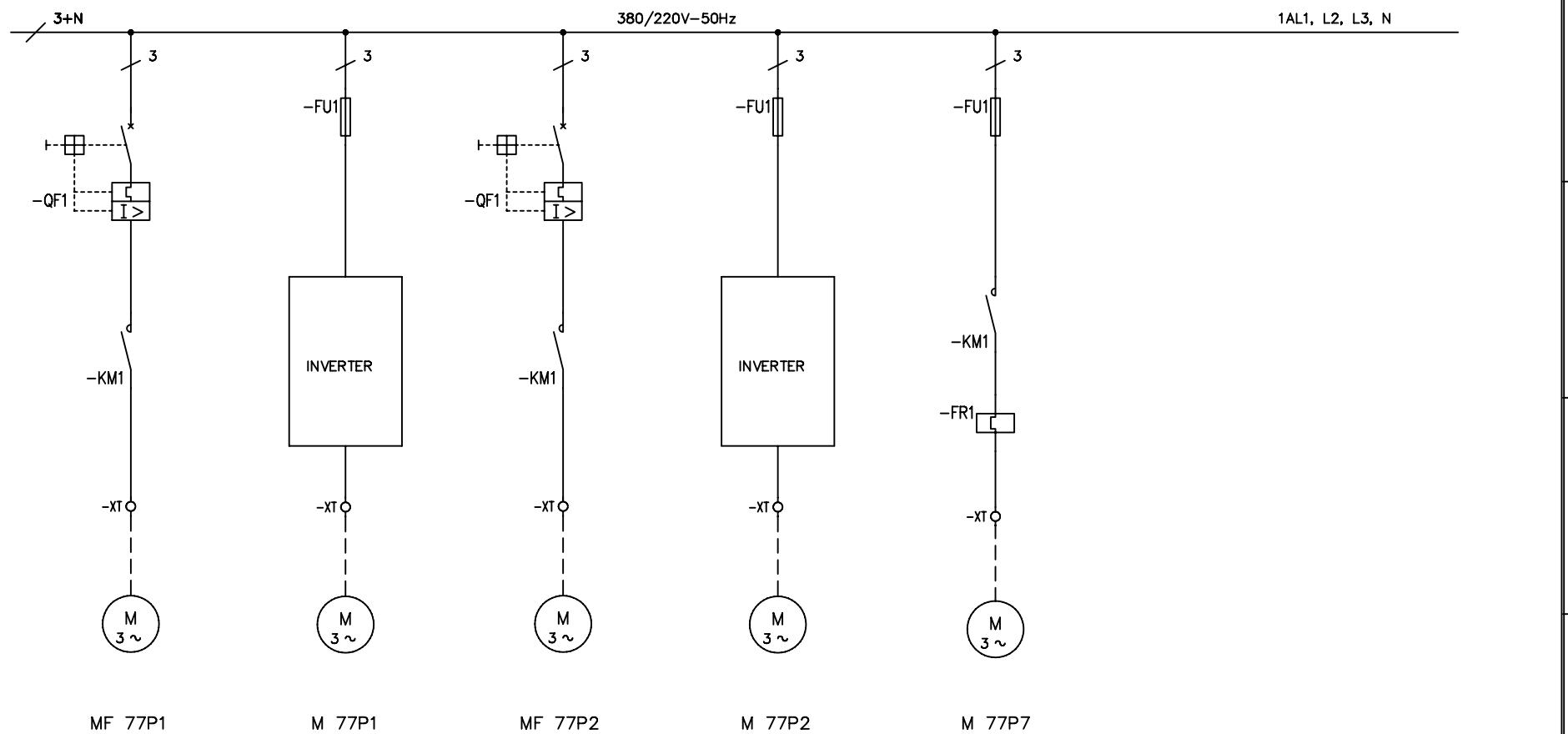
MF 77A2

M 77A2

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Moditech_{s.r.l.}

CIRCUITO		Feeder	+ 5A					
DATI UTENZA Load Data	SIGLA Item DENOMINAZ. Service		AUXILIARY COOLING FAN	FAS STORAGE TANK				
E	POTENZA NOMINALE Rated Power		..kW	..kW				
DATI ELETTRICI Electrical Data	In Vn Hz	..A 380V 50Hz	..A 380V 50Hz					
SCHEMI PARTICOLARI Particularly Diagramm								
POTENZA ASSORBITA Absorbed power								
F	CABLAGGIO Wiring	6/... mm ²	35 mm ²					
UNI A3								= 90.LVB.1A
1	AFTER TEST	A. EMONTE	28/05/2010	SLS		ONE LINE DIAGRAM	Dis. 10.CC1K2583.E01	+ 5
0	FIRST ISSUE	A. EMONTE	20/04/2010	Current Indicators		drawing's title:	Job: 1E35	sheet 033
rev.	Issue Description	Author	Date				dwg. 1E35-75-101	034 n.sh
It. DIN 6771/Teil 5 1		2	3	4	5	6	7	8

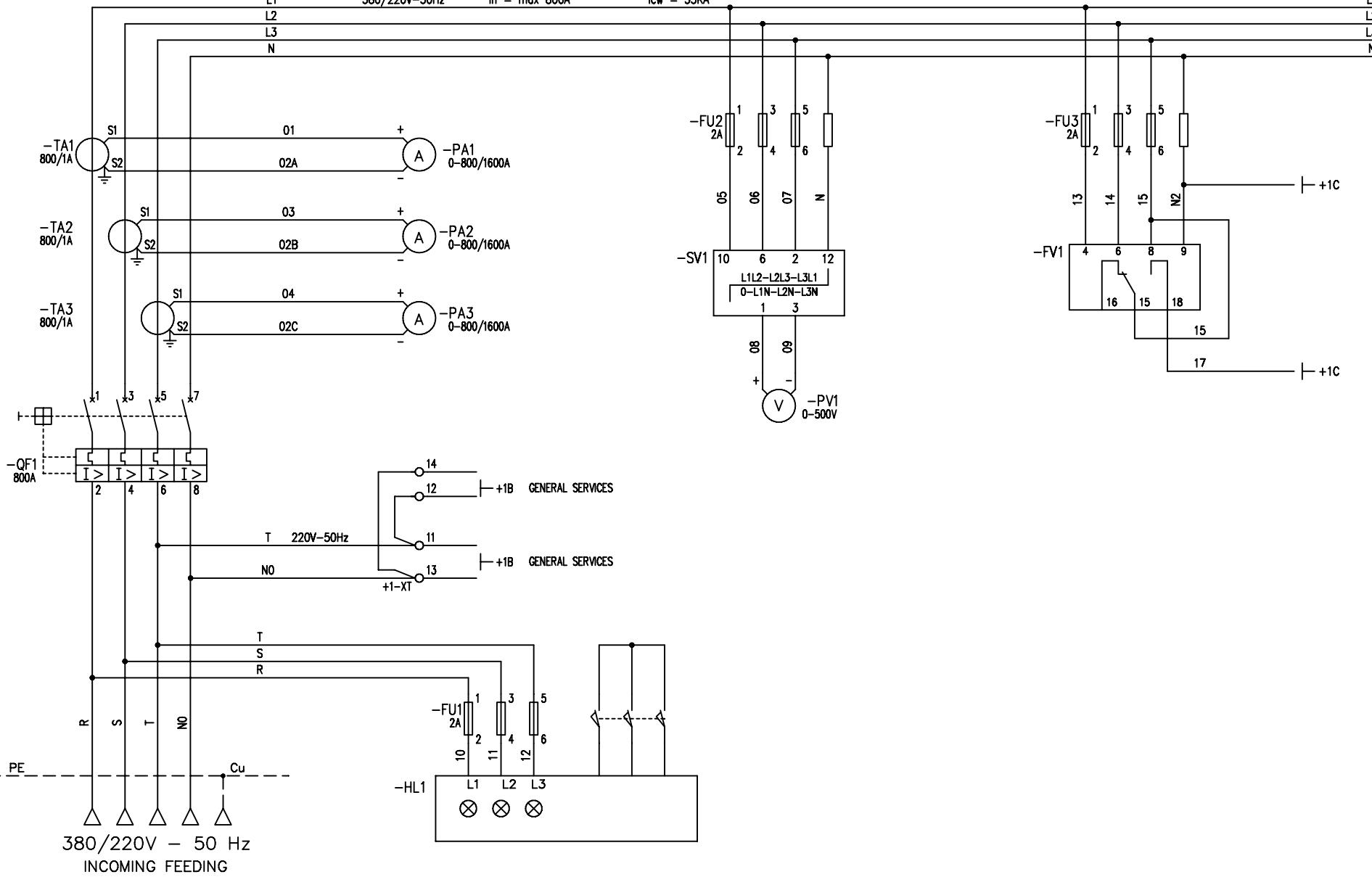


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Moditech s.r.l.

CIRCUITO Feeder		+ 6A		+ 6B		+ 6C			
E DATI UTENZA Load Data	SIGLA Item DENOMINAZ. Service	AUXILIARY COOLING FAN	SLS FEEDING PUMP	AUXILIARY COOLING FAN	SLS/PASTE BOOSTER PUMP	FIRE FIGHTING PUMP			
	POTENZA NOMINALE Rated Power	0,105kW	30kW	0,095kW	3kW	..kW			
	DATI ELETTRICI Electrical Data	In Vn Hz	0,36A 380V 50Hz	57A 380V 50Hz	0,3A 380V 50Hz	6,8A 380V 50Hz	...A 380V 50Hz		
SCHEMI PARTICOLARI Particulary Diagramm									
POTENZA ASSORBITA Absorbed power									
F CABLAGGIO Wiring		6/2,5 mm ²	25 mm ²	6/2,5 mm ²	6/2,5 mm ²	.. mm ²			
UNI A3									= 90.LVB.1A
	1	AFTER TEST	A. EMONTE	28/05/2010	SLS		ONE LINE DIAGRAM drawing's title:	Dis. 10.CC1K2583.E01 Job: 1E35	+ 6
	0	FIRST ISSUE	A. EMONTE	20/04/2010					dwg. 1E35-75-101
	rev.	Issue Description	Author	Date					sheet 034 046 n.sh
It. DIN 6771/Teil 5	1	2	3	4	5	6	7	8	

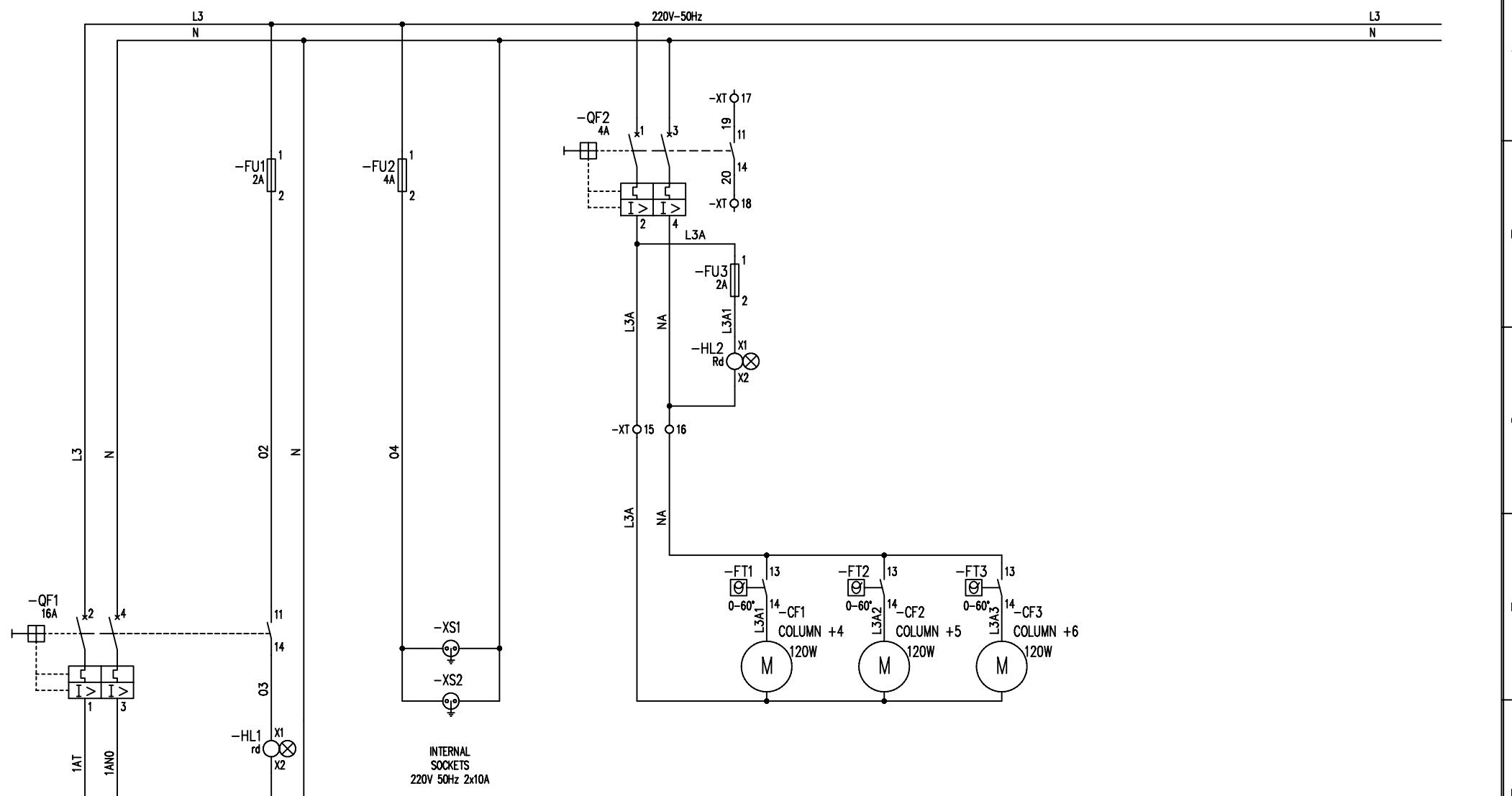
1 2 3 4 5 6 7 8



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UNI A3								
1	AFTER TEST	A. EMONTE	28/05/2010					= 90.LVB.1A
0	FIRST ISSUE	A. EMONTE	20/04/2010					+ 1A
rev.	Issue Description	Author	Date					
It. DIN 6771/Teil 5 1	2	SLS	4	WIRING DIAGRAM MAIN FEEDING 380/220V-50Hz	5	Dis. 10.CC1K2583.E01	6	sheet 046
				drawing's title:		Job: 1E35	dwg. 1E35-75-101	047 n.sh



FEEDING 220V-50Hz
From sheet 1A

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1	AFTER TEST	A. EMONTE	28/05/2010	
0	FIRST ISSUE	A. EMONTE	20/04/2010	

SLS



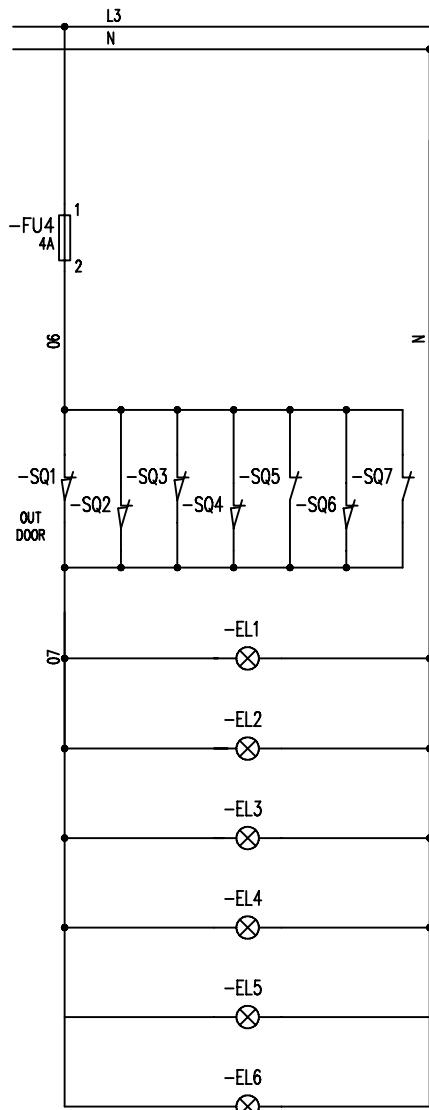
**WIRING DIAGRAM
GENERAL SERVICE
220V-50Hz**

Dis. 10.CC1K2583.E0

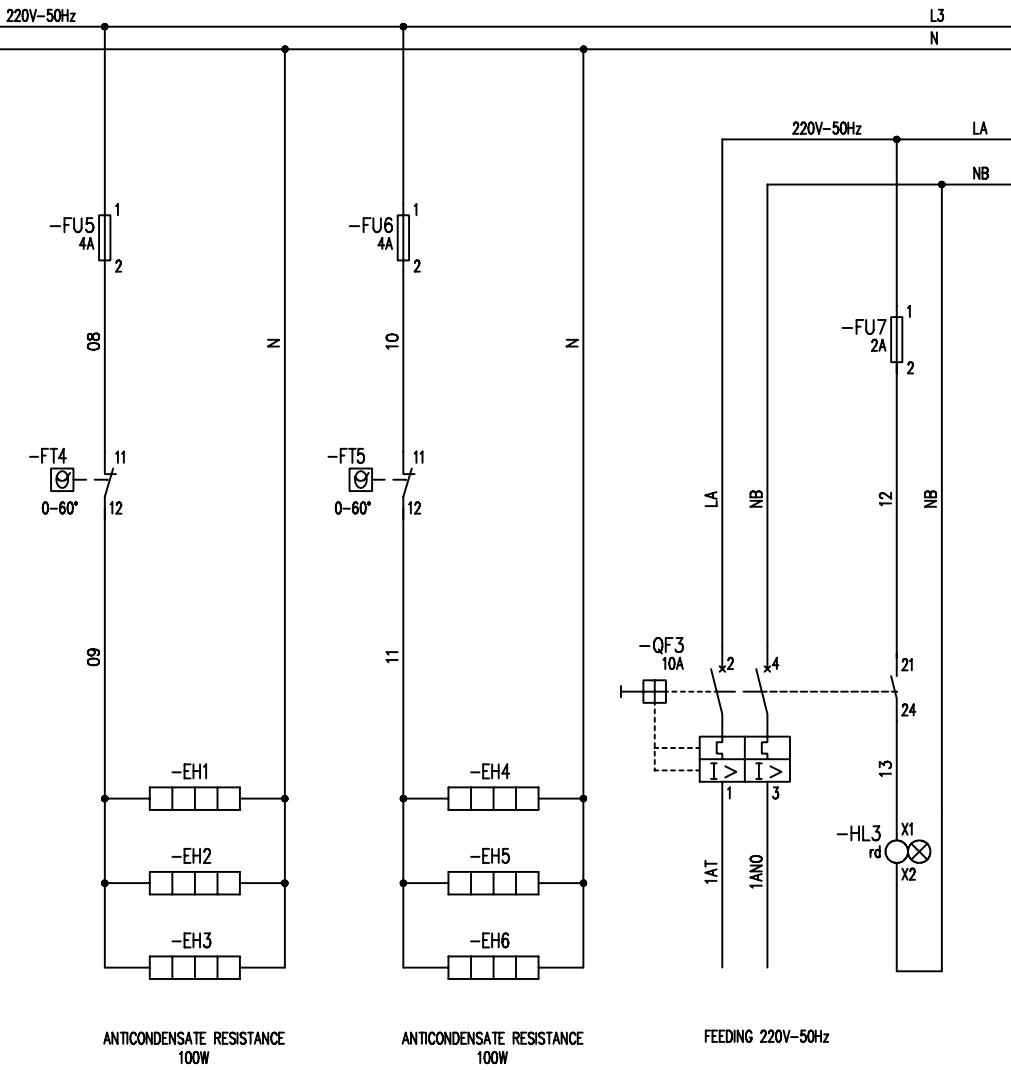
Job: 1E35

Moditech s.r.l.

=	90.LVB.1A
+	1B
(A)	



INTERNAL
LIGHTING



FEEDING ANTCONDENSATE
RESISTANCE IN FIELD

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1	AFTER TEST	A. EMONTE	28/05/2010	
0	FIRST ISSUE	A. EMONTE	20/04/2010	
rev.	Issue Description	Author	Date	

SLS

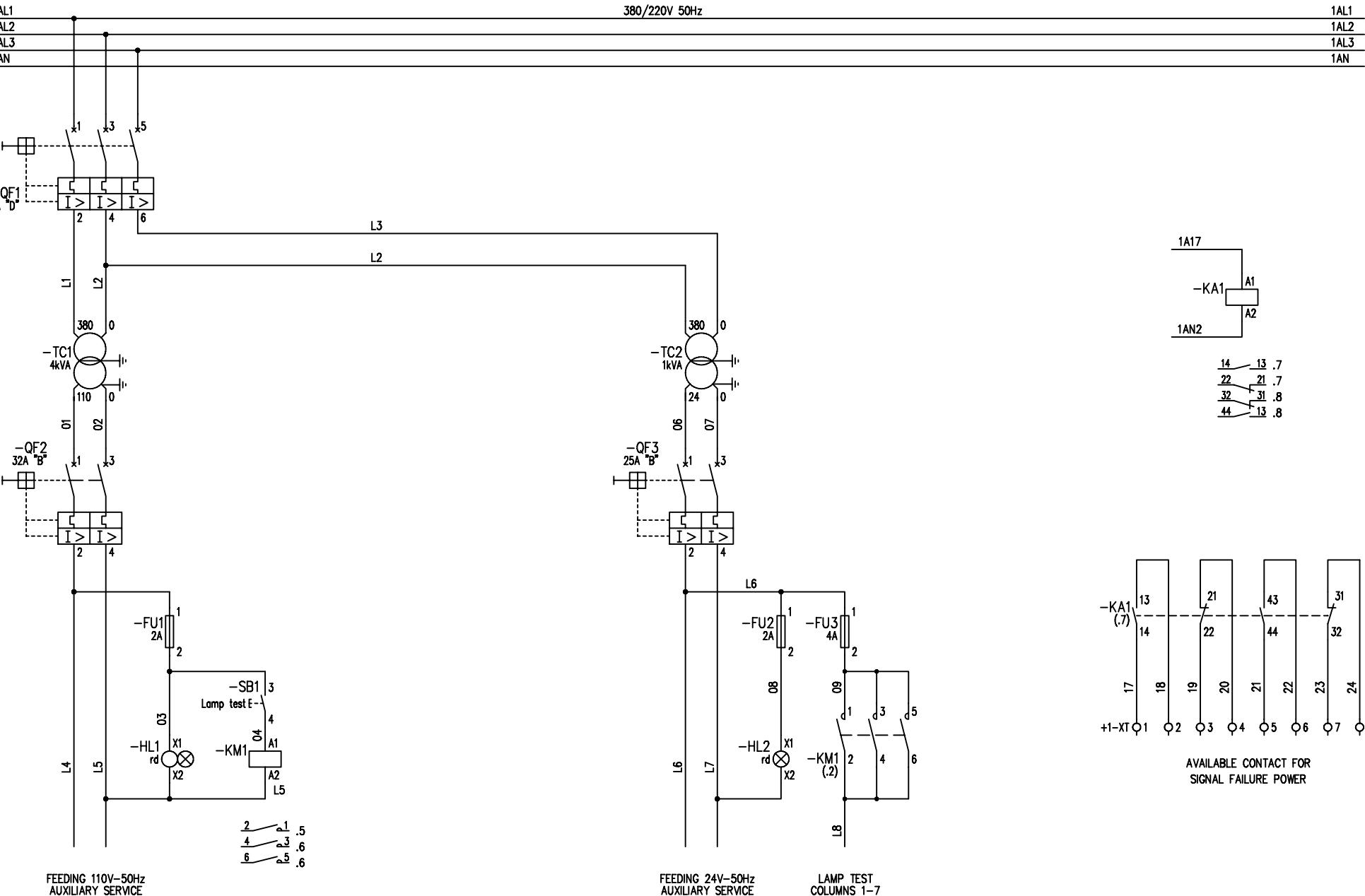


WIRING DIAGRAM
GENERAL SERVICES
220V-50Hz
drawing's title:

Dis. 10.CC1K2583.E01

Job: 1E35

= 90.LVB.1A
+ 1B
(.B)
sheet 048
049 n.sh



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UNI A3				
1	AFTER TEST	A. EMONTE	28/05/2010	
0	FIRST ISSUE	A. EMONTE	20/04/2010	
rev.	Issue Description	Author	Date	

SLS



WIRING DIAGRAM
AUXILIARY SERVICES
110V-50Hz / 24-50Hz
drawing's title:

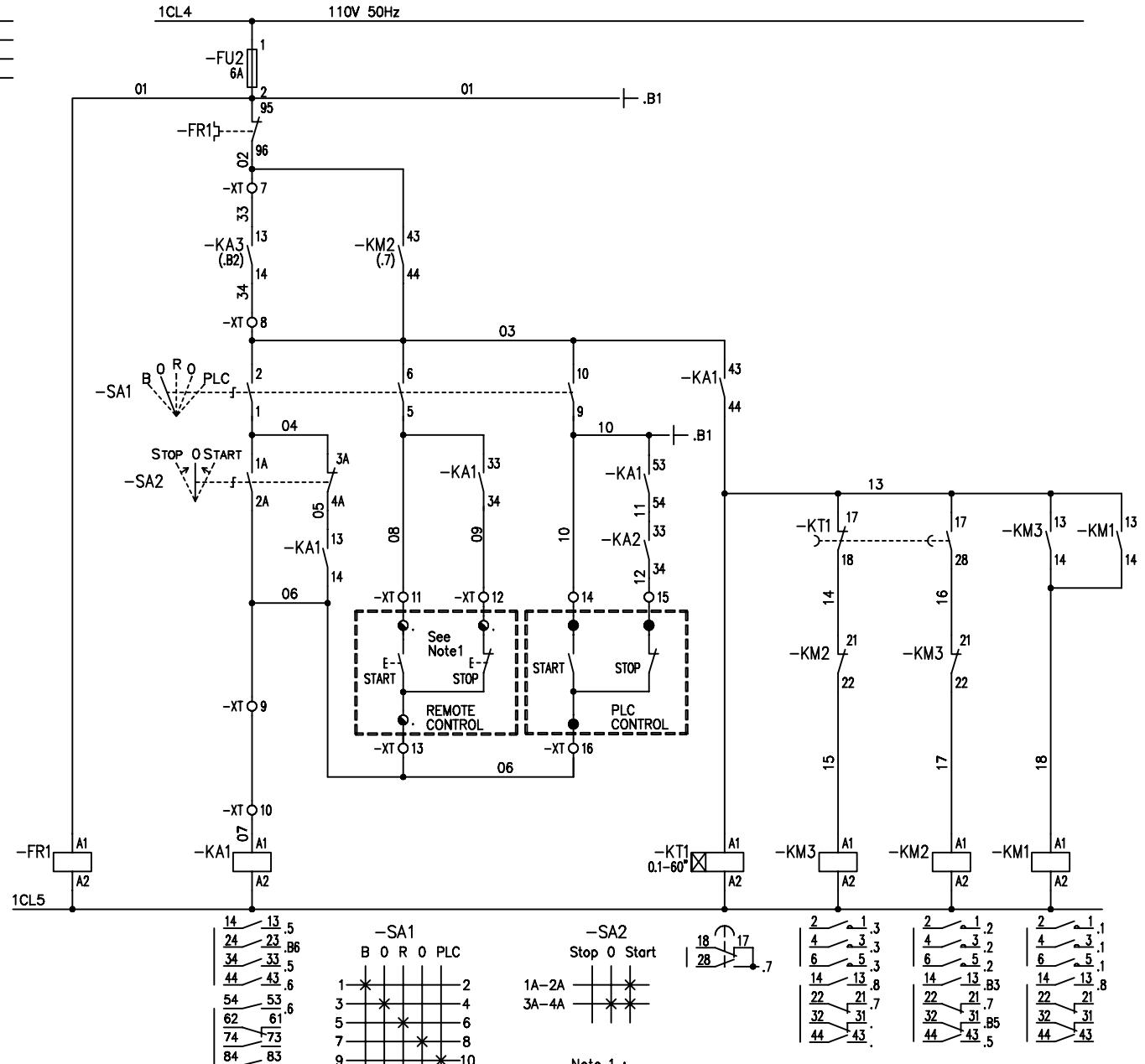
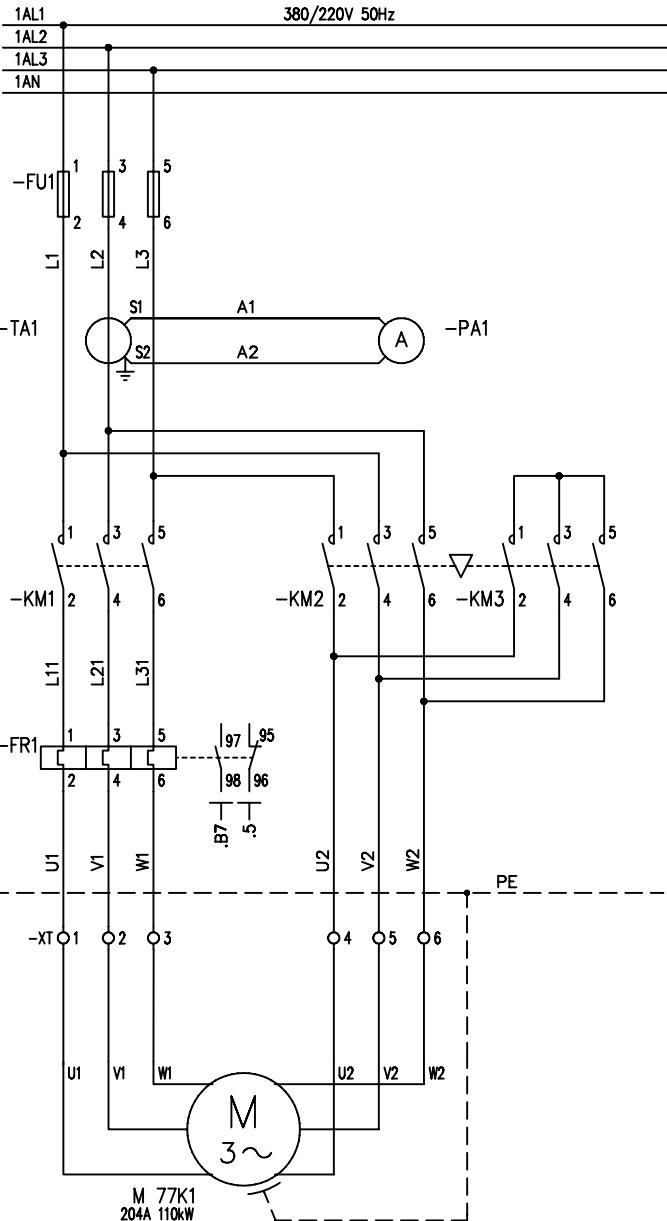
Dis. 10.CC1K2583.E01

Job: 1E35

dwg. 1E35-75-101

Moditech s.r.l.

= 90.LVB.1A
+ 1C
sheet 049
050 n.sh



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Note 1 :
Start-Stop Remote Control Station
Not installed
Installed

Moditech s.r.l.

UNI A3			
rev.	Issue Description	Author	Date
1	AFTER TEST	A. EMONTE	28/05/2010
0	FIRST ISSUE	A. EMONTE	20/04/2010

SLS

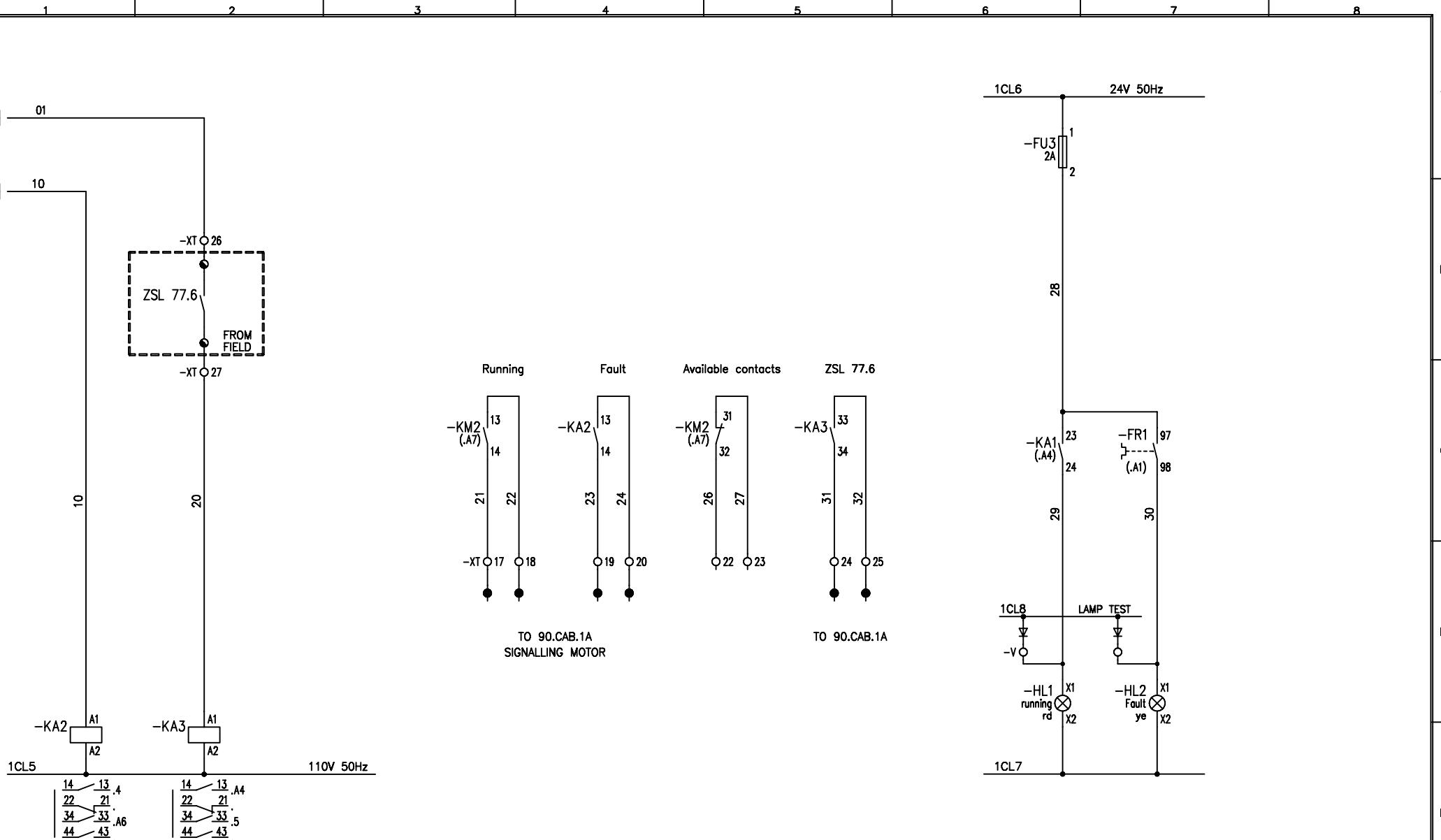


WIRING DIAGRAM
M 77K1
DRYING AIR FEEDING FAN

Dis. 10.CC1K2583.E0

Job: 1E35 dwg. 1E35-75-101

sheet 050
051 n.sh



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Moditech s.r.l.

= 90.LVB.1A
+ 2A
(B)
sheet 051
052 n.sh

UNI A3				
1	AFTER TEST	A. EMONTE	28/05/2010	
0	FIRST ISSUE	A. EMONTE	20/04/2010	
rev.	Issue	Description	Author	Date

SLS



WIRING DIAGRAM
M 77K1
DRYING AIR FEEDING FAN

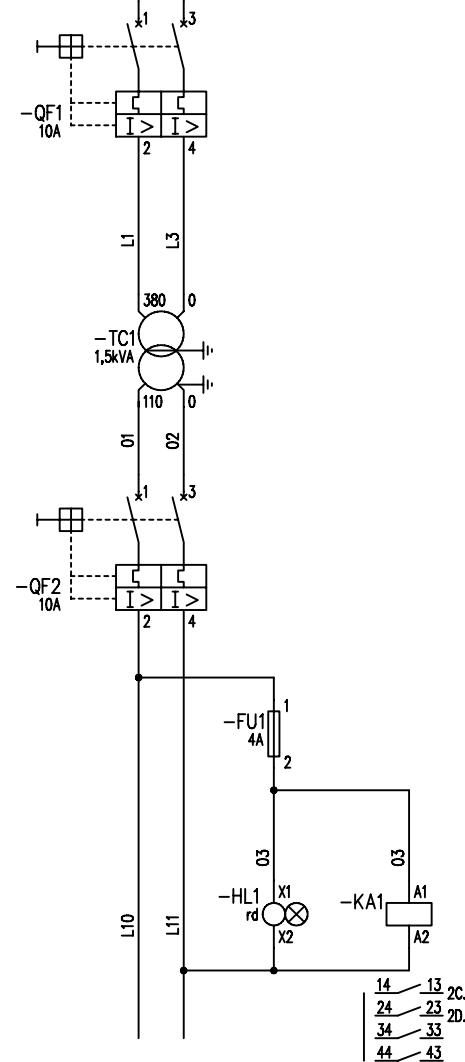
Dis. 10.CC1K2583.E01

Job: 1E35

dwg. 1E35-75-101

1 2 3 4 5 6 7 8

1AL1 1AL2 1AL3 1AN 380/220V 50Hz 1AL1
1AL2 1AL3 1AN

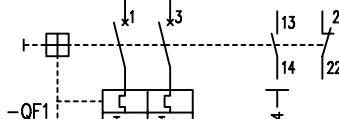


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Moditechs.r.l.

					WIRING DIAGRAM LOCAL PANEL FEEDING 110V-50Hz	Dis. 10.CC1K2583.E01	= 90.LVB.1A + 2B
1	AFTER TEST	A. EMONTE	28/05/2010	SLS		Job: 1E35	dwg. 1E35-75-101
0	FIRST ISSUE	A. EMONTE	20/04/2010				sheet 052
rev.	Issue Description	Author	Date				053 n.sh

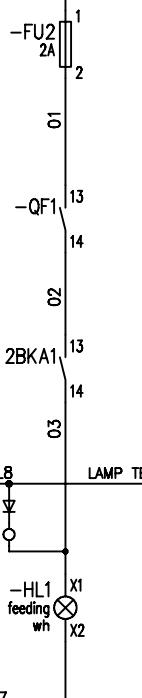
1 110V 50Hz
2BL10
2BL11



L10 L11 PE
-XT 1 2
PE

KC 77.1
0,2kW 1A

4 24V 50Hz
1CL6



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Moditech s.r.l.

1	AFTER TEST	A. EMONTE	28/05/2010
0	FIRST ISSUE	A. EMONTE	20/04/2010
rev.	Issue	Description	Date

SLS



WIRING DIAGRAM
KC 77.1
FILTER 77F1

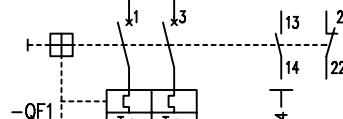
drawing's title:

Dis. 10.CC1K2583.E01

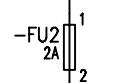
Job: 1E35

= 90.LVB.1A
+ 2C
sheet 053
054 n.sh

1 110V 50Hz
2BL10
2BL11



4 24V 50Hz
1CL6



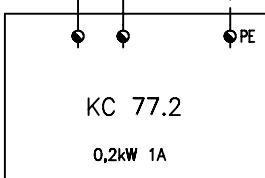
5 -QF1
13
14

6 2BKA1
23
24

7 1CL8 LAMP TEST

8 -VQ
-HL1 feeding
X1
X2

9 1CL7



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Moditech s.r.l.

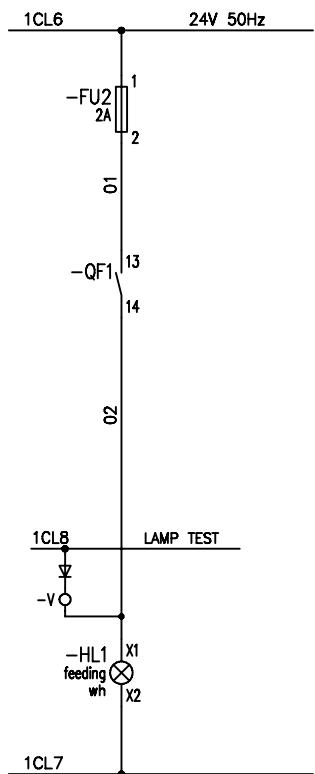
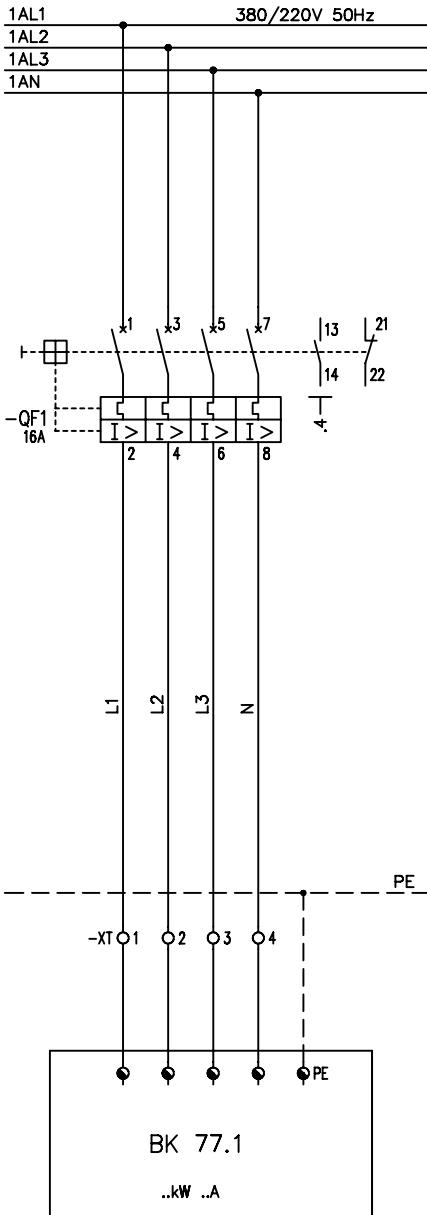
= 90.LVB.1A
+ 2D
Dis. 10.CC1K2583.E01
Job: 1E35 1E35-75-101 sheet 054
dwg. 055 n.sh

UNI A3				
1	AFTER TEST	A. EMONTE	28/05/2010	
0	FIRST ISSUE	A. EMONTE	20/04/2010	
rev.	Issue Description	Author	Date	

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WIRING DIAGRAM
KC 77.2
FILTER 77F2
drawing's title:



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1	AFTER TEST	A. EMONTE	28/05/2010
0	FIRST ISSUE	A. EMONTE	20/04/2010
rev.	Issue	Description	Date

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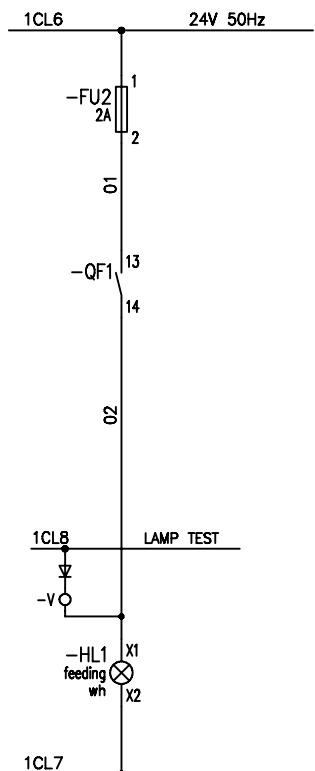
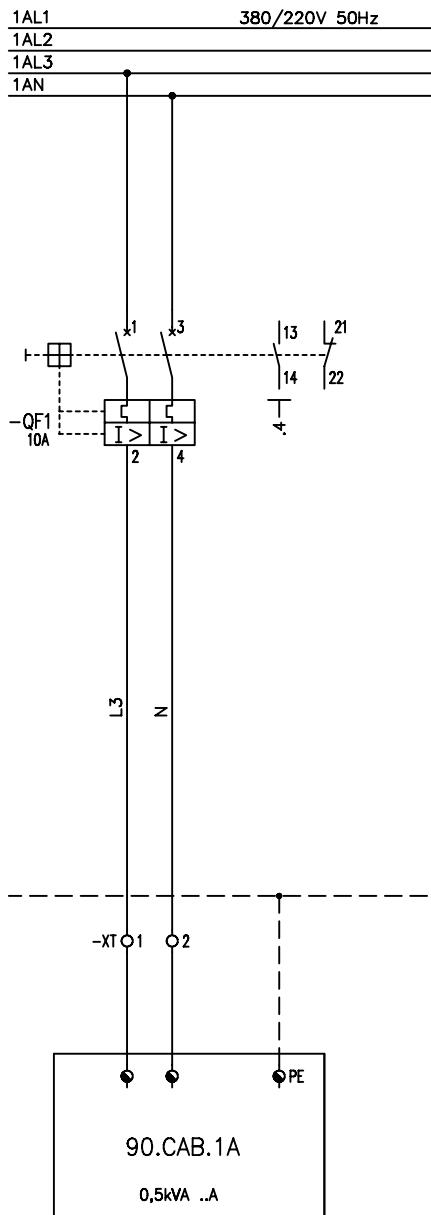
WIRING DIAGRAM
BK 77.1
BURNER
77H1
drawing's title:

Dis. 10.CC1K2583.E01

Job: 1E35 1E35-75-101

= 90.LVB.1A
+ 2E
sheet 055
056 n.sh

1 2 3 4 5 6 7 8



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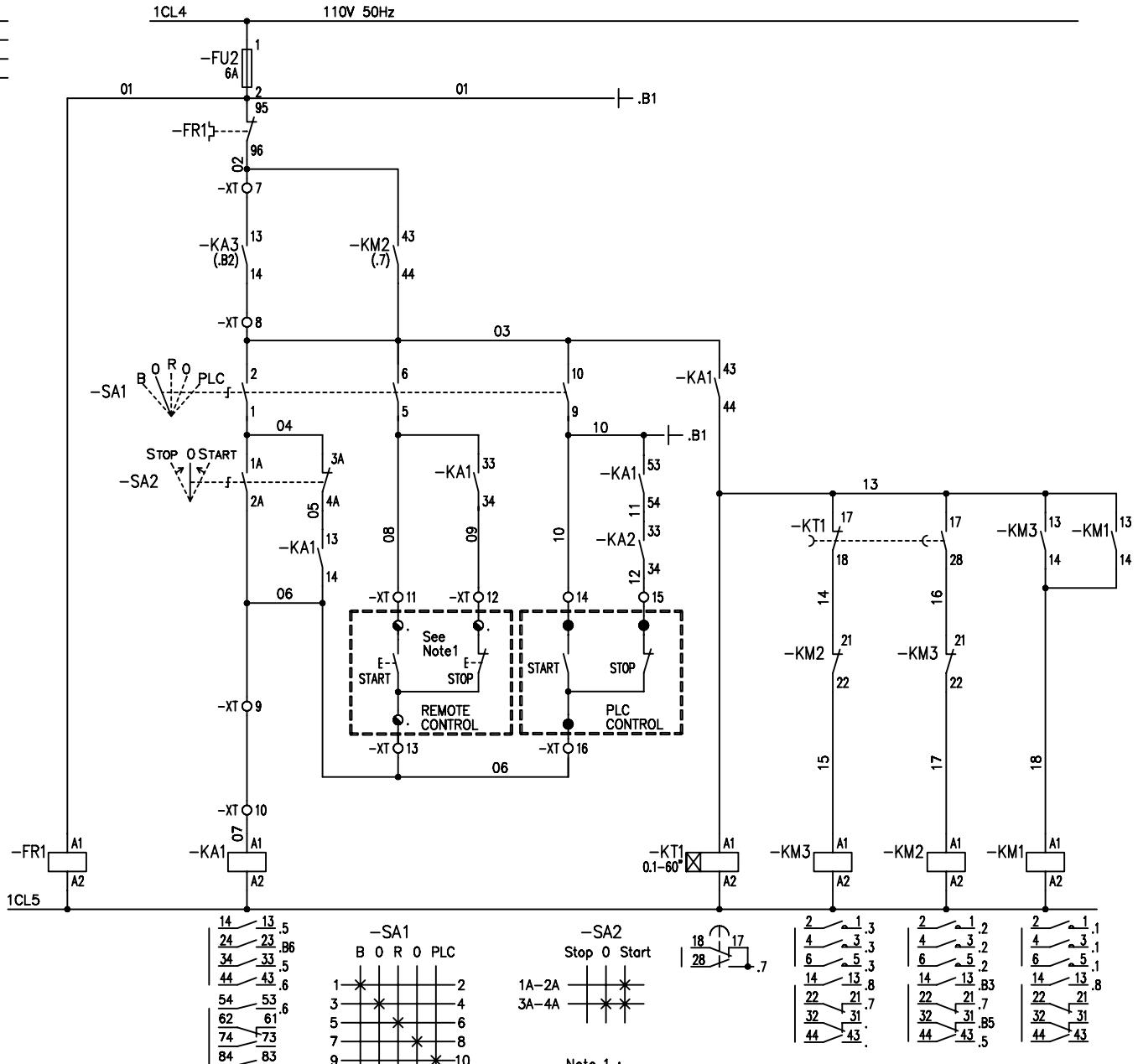
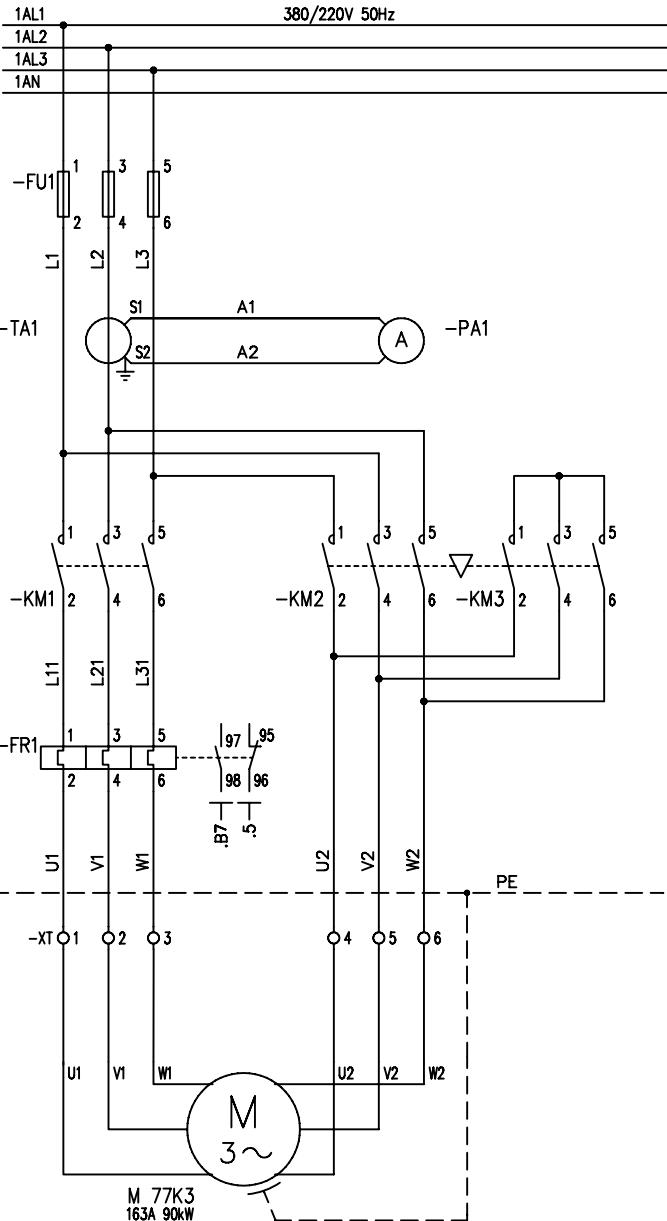
UNI A3								
1	AFTER TEST	A. EMONTE	28/05/2010					= 90.LVB.1A
0	FIRST ISSUE	A. EMONTE	20/04/2010					+ 2F
rev.	Issue	Description	Author	Date				
It. DIN 6771/Teil 5	1							
SLS								
4								
5								
6								
7								
8								

WIRING DIAGRAM
90.CAB.1A
PLC CABINETS
GENERAL SERVICES
drawing's title:

Dis. 10.CC1K2583.E01

Job: 1E35 1E35-75-101

sheet 056
058 n.sh



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UNI A3			
rev.	Issue Description	Author	Date
1	AFTER TEST	A. EMONTE	28/05/2010
0	FIRST ISSUE	A. EMONTE	20/04/2010

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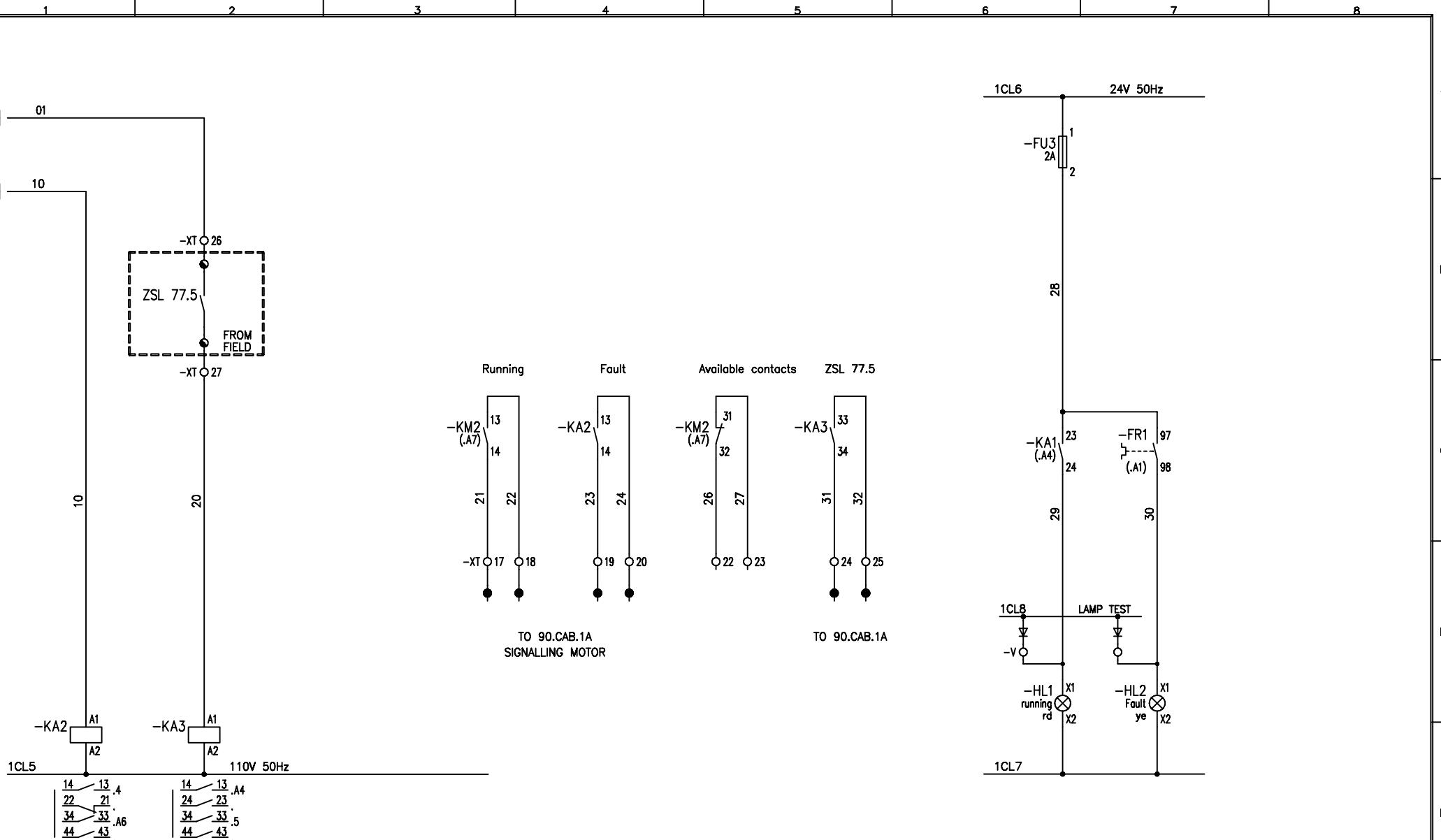
WIRING DIAGRAM
M 77K3
DRYING AIR EXTRACT

drawing's title:

Dis. 10.CC1K2583.E0

Job: 1E35

- 90.LVB.1A
- 3A
(.A)



Moditechs.r.l.

= 90.LVB.1A
+ 3A
(.B)
Dis. 10.CC1K2583.E01
Job: 1E35 1E35-75-101
dwg. sheet 059
060 n.sh

UNI A3				
1	AFTER TEST	A. EMONTE	28/05/2010	
0	FIRST ISSUE	A. EMONTE	20/04/2010	
rev.	Issue	Description	Author	Date

SLS

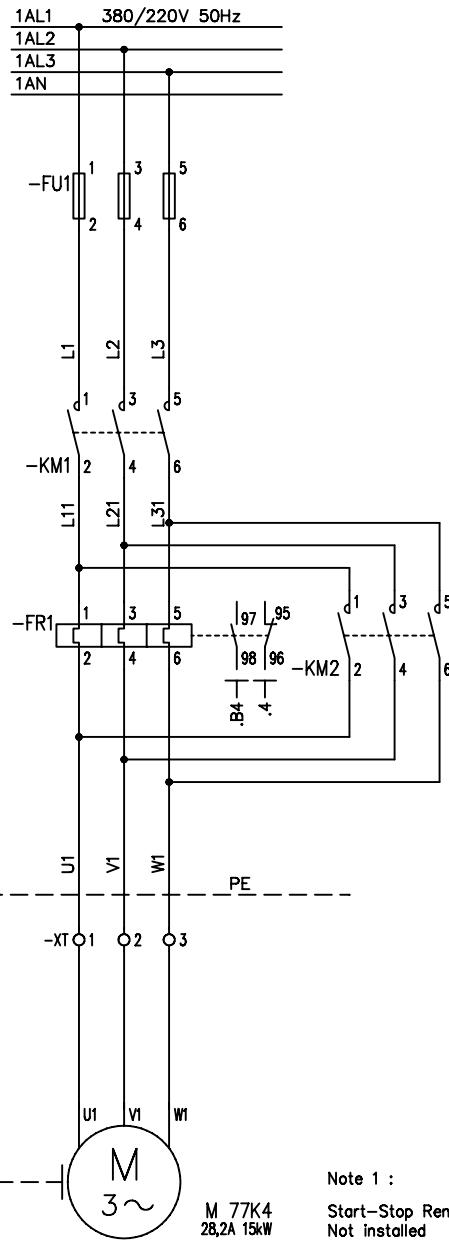


WIRING DIAGRAM
M 77K3
DRYING AIR EXTRACTION FAN
drawing's title:

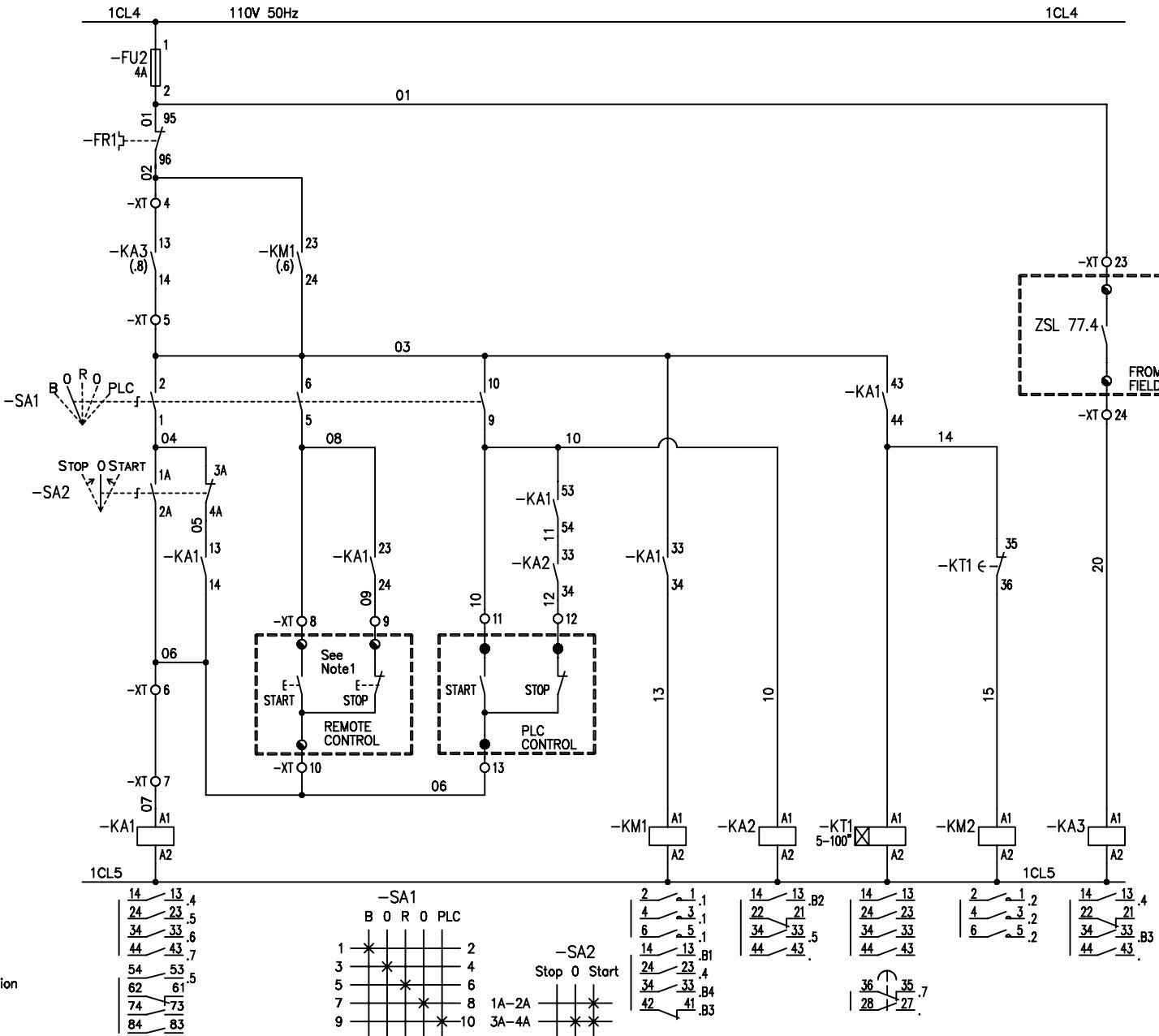
Dis. 10.CC1K2583.E01

Job: 1E35 1E35-75-101

dwg. sheet 059
060 n.sh



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UNI A3			
rev.	Issue Description	Author	Date
1	AFTER TEST	A. EMONTE	28/05/2010
0	FIRST ISSUE	A. EMONTE	20/04/2010

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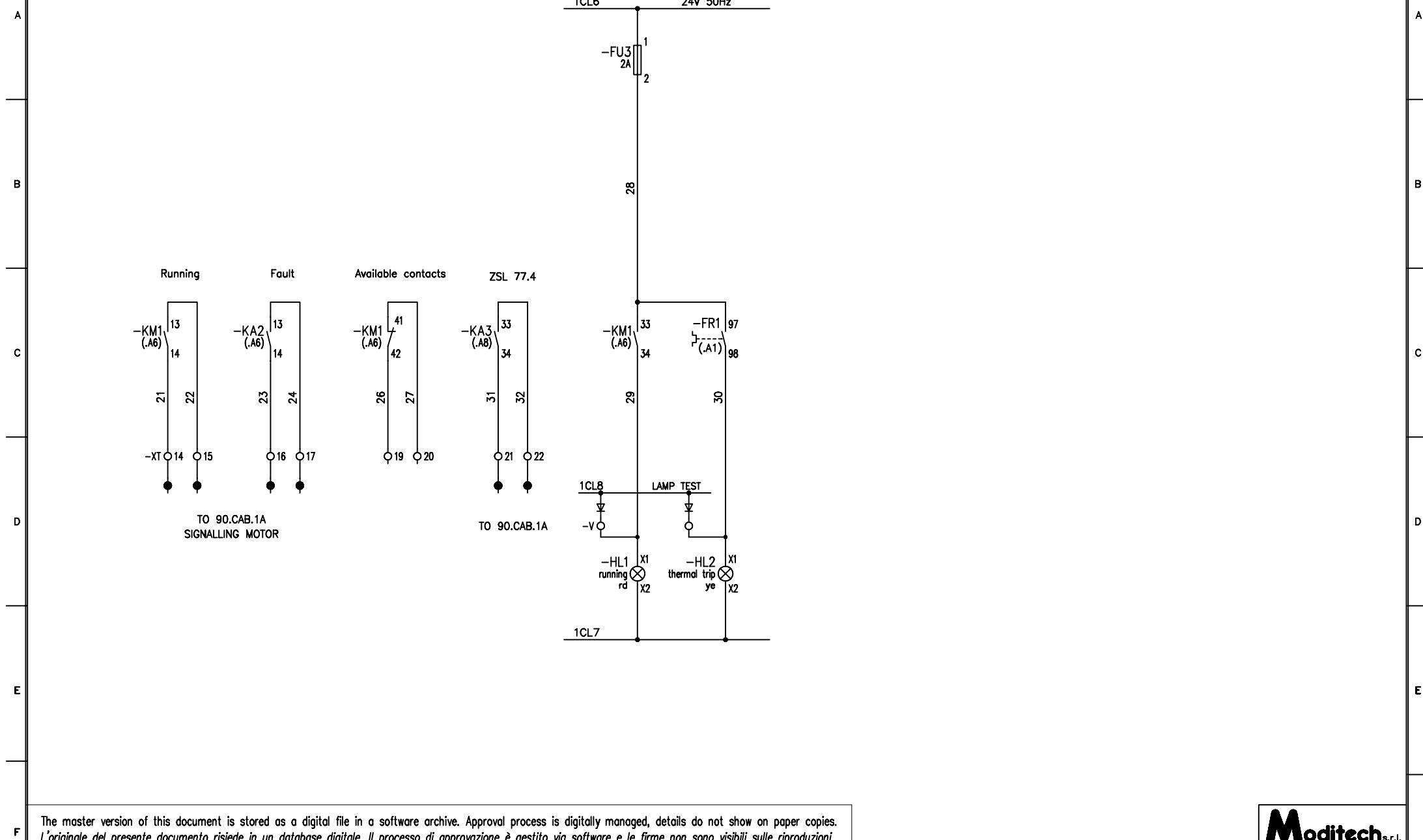
**WIRING DIAGRAM
M 77K4
AIR LIFT FAN**

Dis. 10.CC1K2583.E01

Job: 1E35

90.LVB.1A
3B
(.A)

1 2 3 4 5 6 7 8



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It.	DIN 6771/Teil	5	1	2	3	4	5	6	7	8
UNI A3	Issue	Description	Author	Date						
1	AFTER TEST	A. EMONTE	28/05/2010							
0	FIRST ISSUE	A. EMONTE	20/04/2010							

SLS

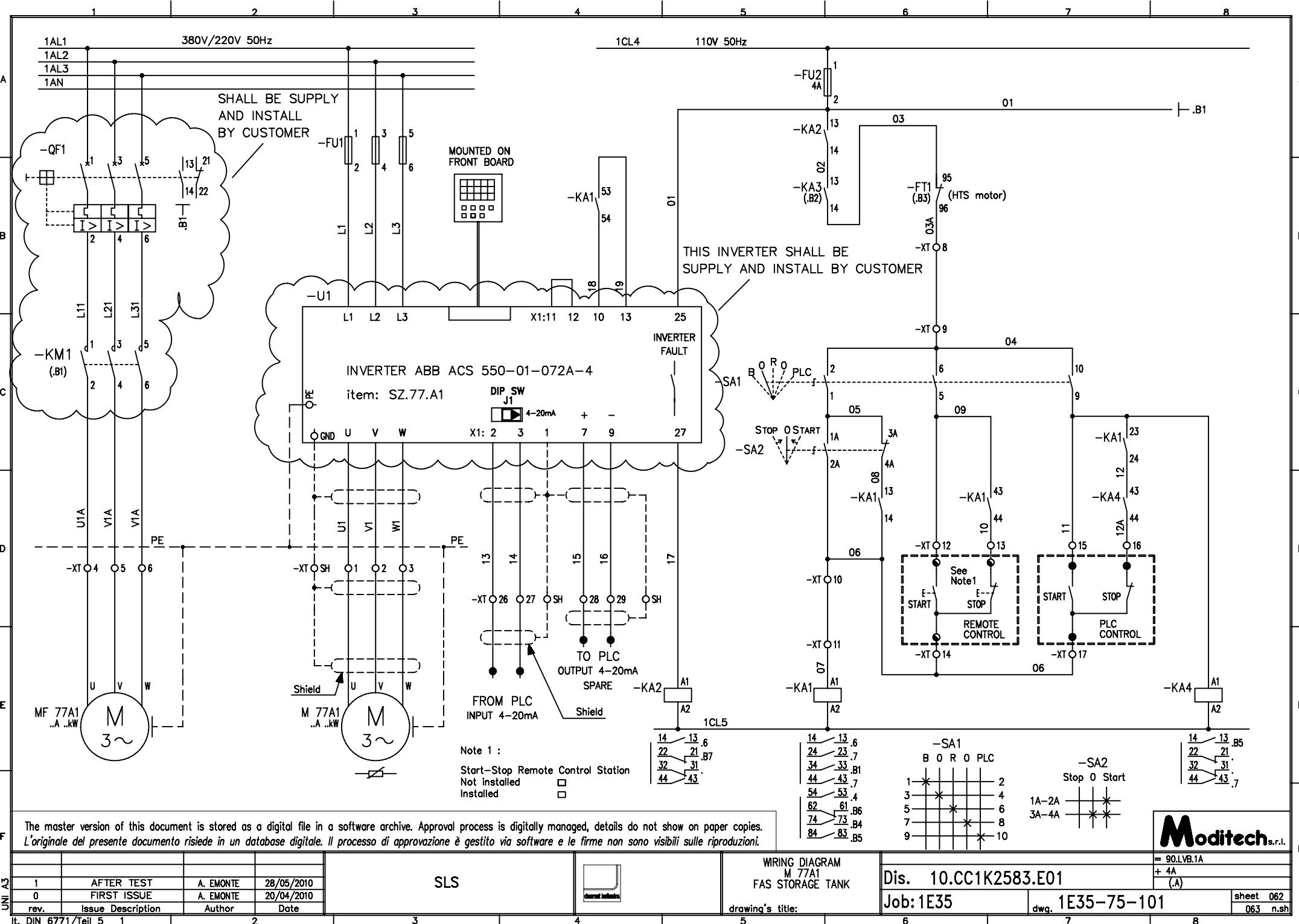


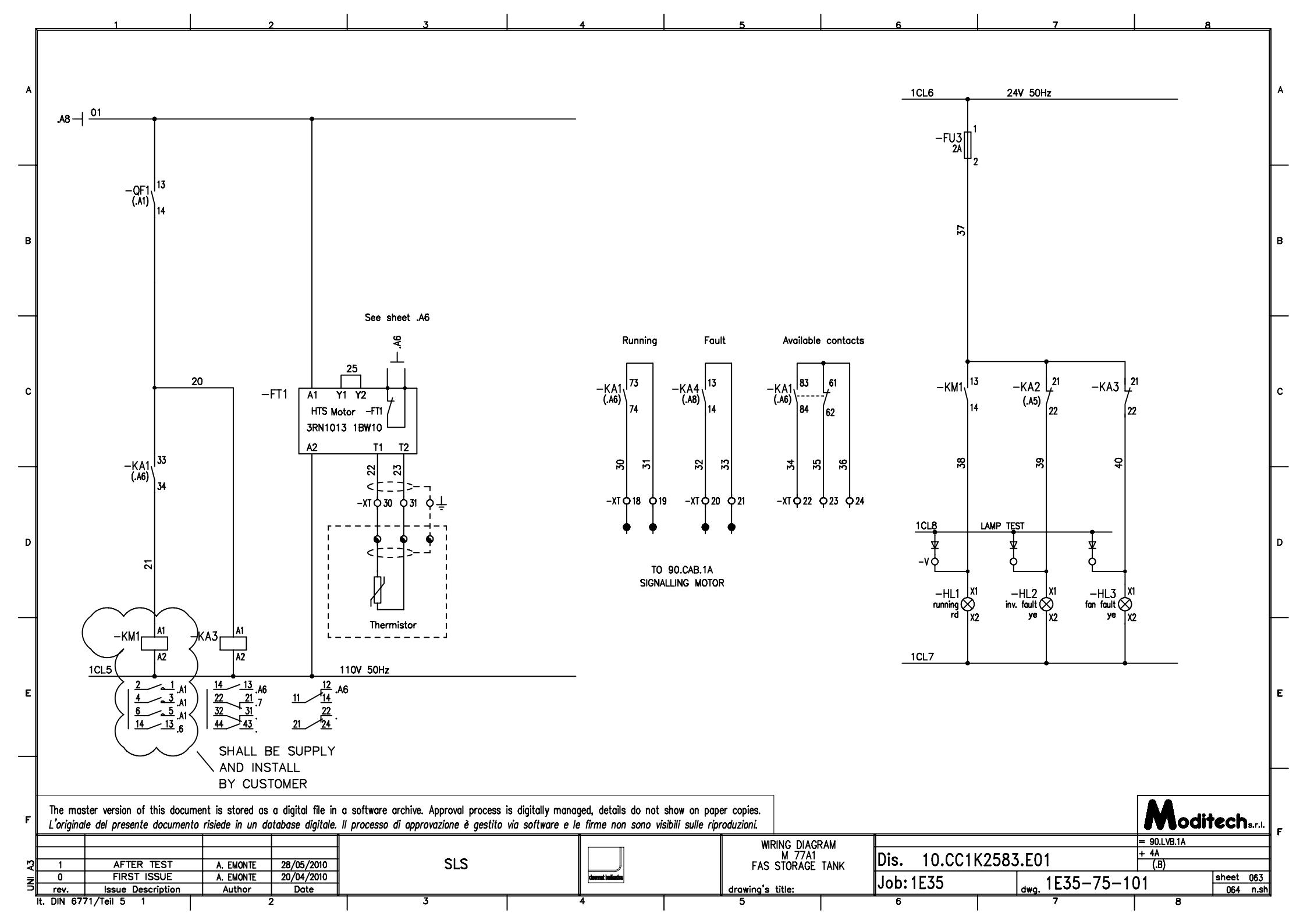
WIRING DIAGRAM
M 77K4
AIR LIFT FAN
drawing's title:

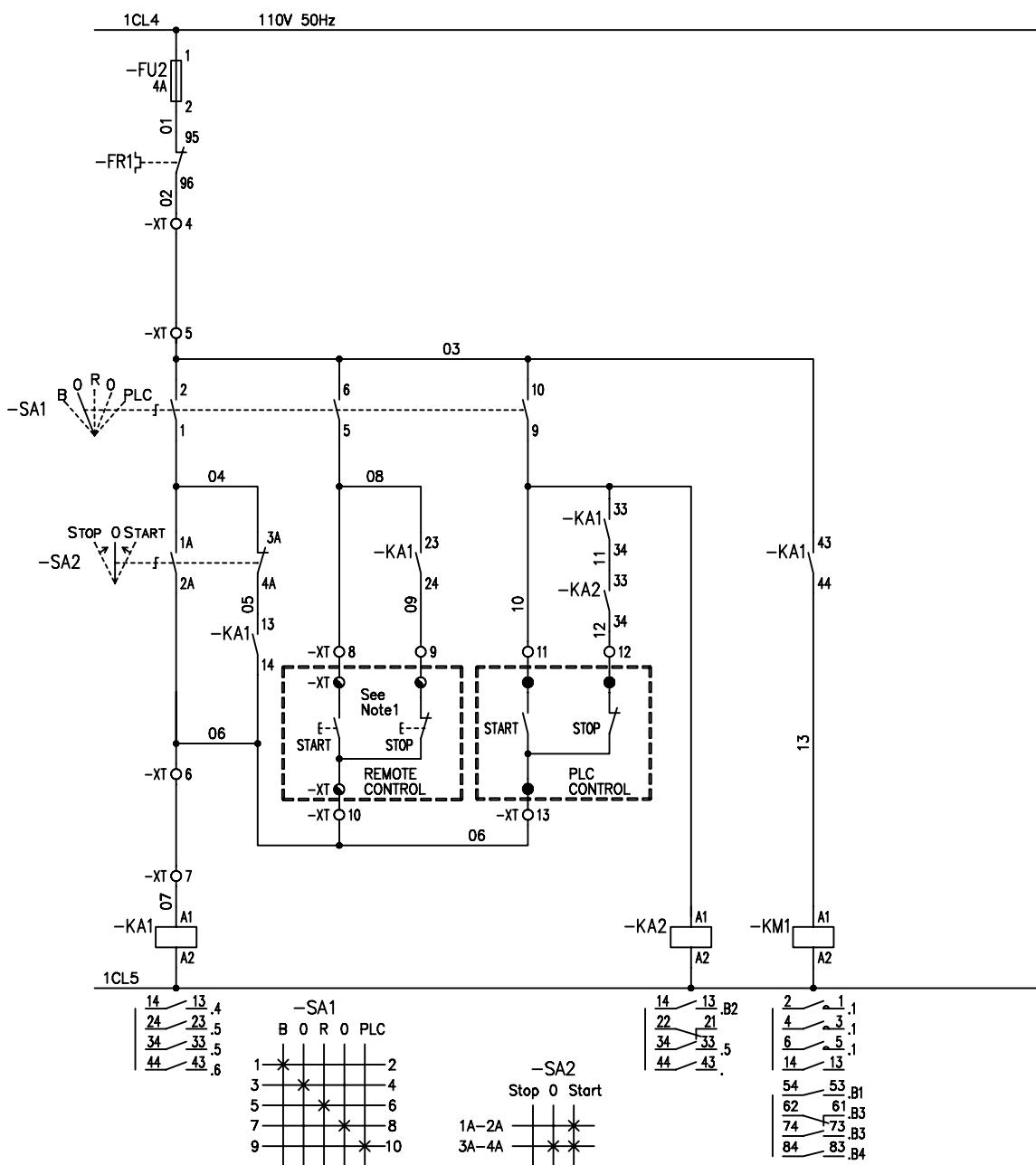
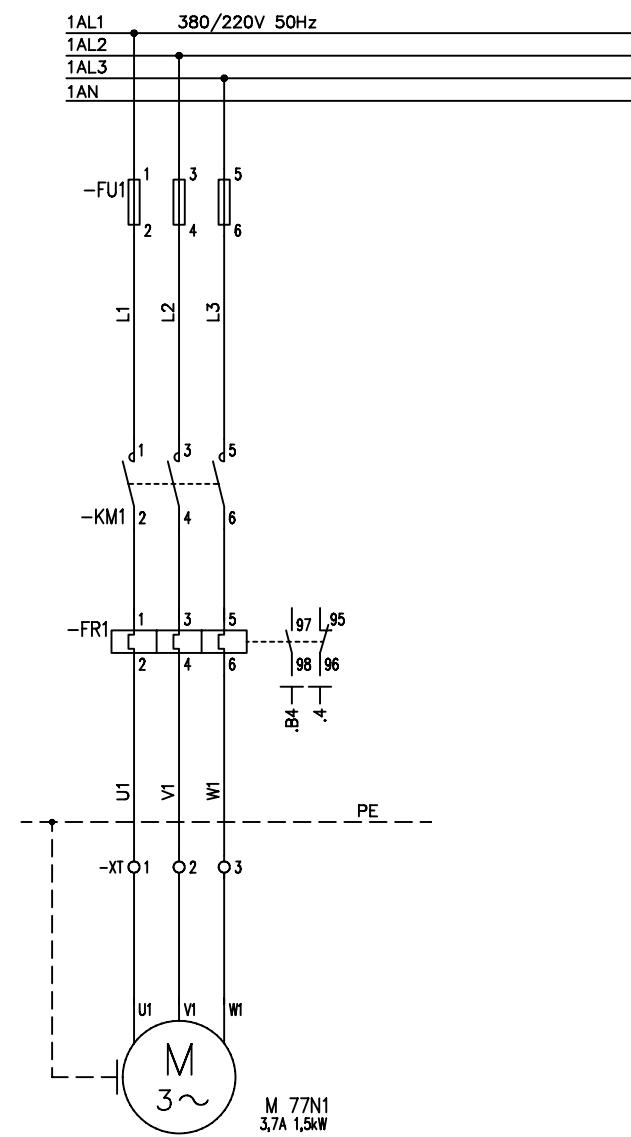
Dis. 10.CC1K2583.E01

Job: 1E35

= 90.LVB.1A
+ 3B
(.B)
sheet 061
dwg. 1E35-75-101
062 n.sh







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	1	AFTER TEST	A. EMONTE	28/05/2010
	0	FIRST ISSUE	A. EMONTE	20/04/2010
	rev.	Issue Description	Author	Date
4	DIM. 6773	T-11	1	1

SLS



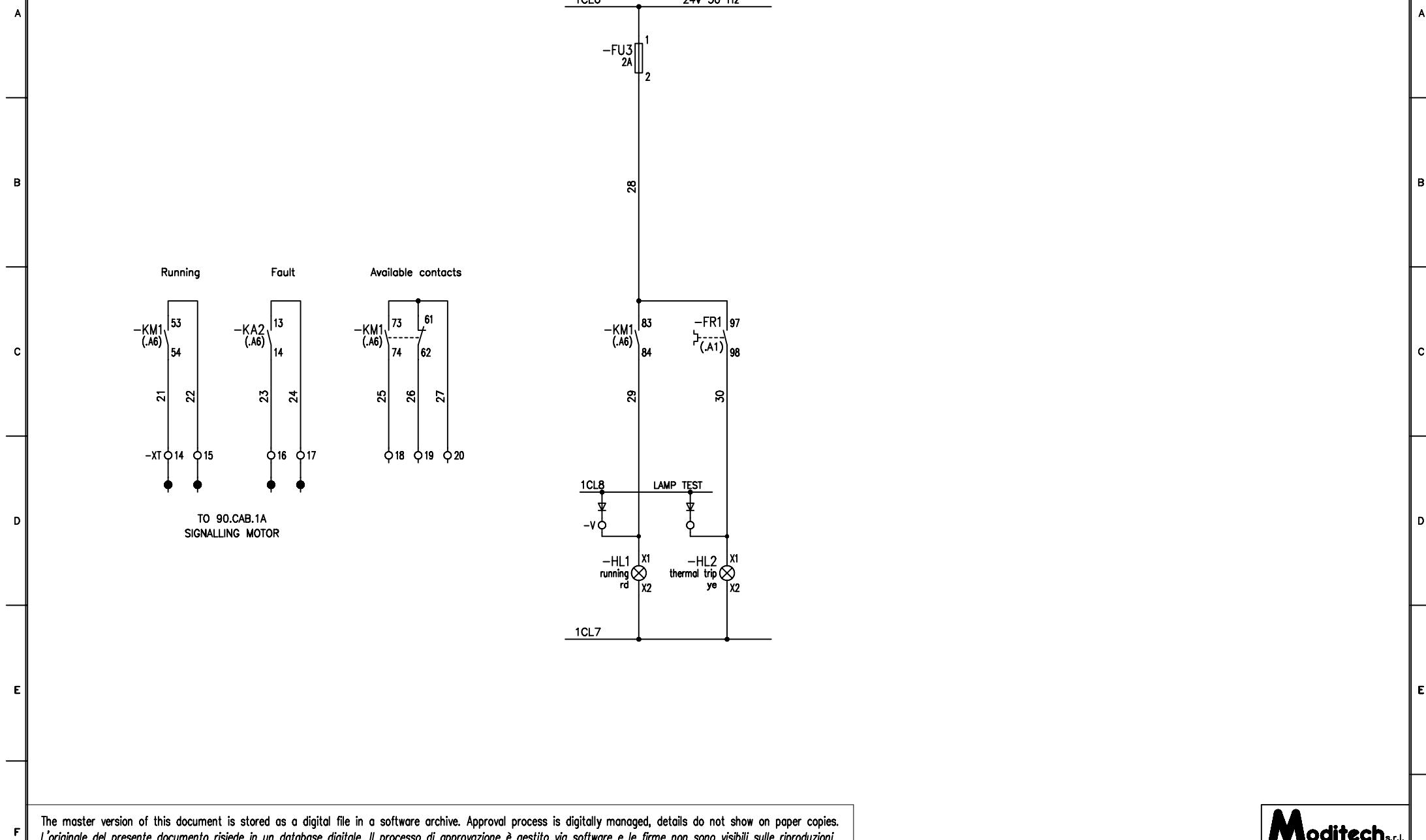
**WIRING DIAGRAM
M 77N1
AIR LIFT FEEDING BELT**

Dis. 10.CC1K2583.E0

Job: 1E35

Moditech s.r.l.

= 90.LVB.1A
+ 4B
(A)



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UNI A3	Issue	Description	Author	Date						
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0	FIRST ISSUE	A. EMONTE	20/04/2010							
rev.										

SLS

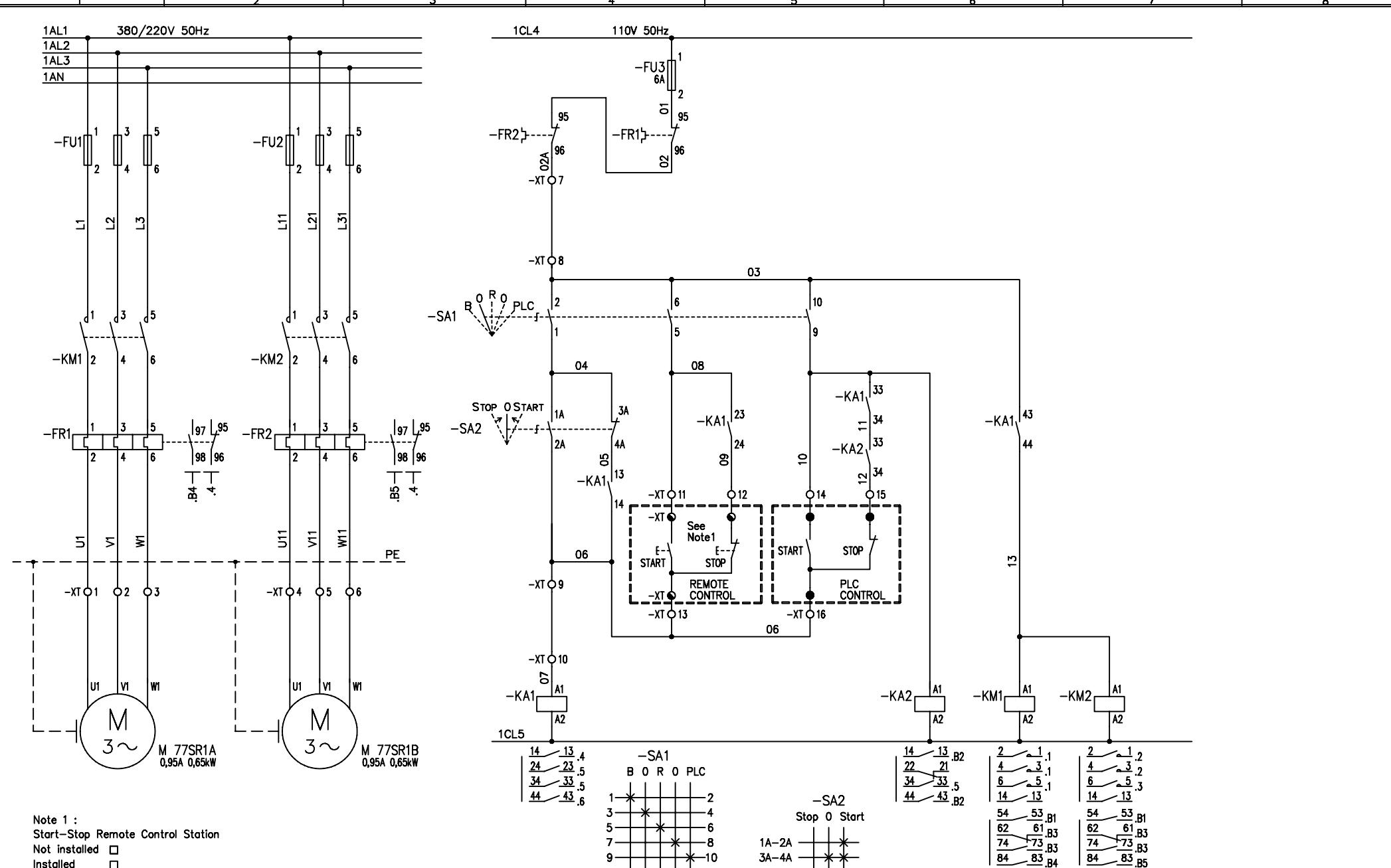


WIRING DIAGRAM
M 77N1
AIR LIFT FEEDING BELT
drawing's title:

Dis. 10.CC1K2583.E01

Job: 1E35 1E35-75-101

= 90.LVB.1A
+ 4B
(.B)
sheet 065
066 n.sh



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1	AFTER TEST	A. EMONTE	28/05/2010
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rev.	Issue Description	Author	Date

SLS



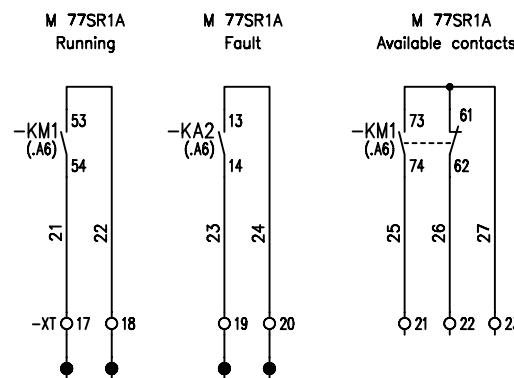
WIRING DIAGRAM
M 77SR1A / M 77SR1B
SLS POWDER VIBRATING SIEVE
drawing's title:

Dis. 10.CC1K2583.E01

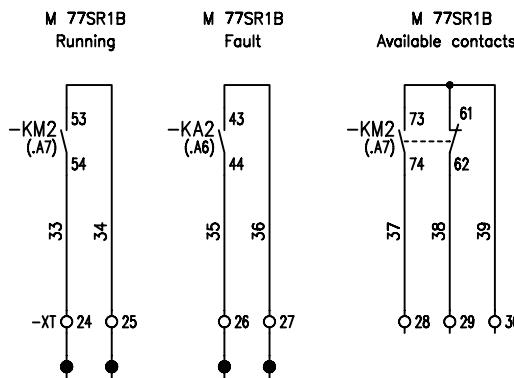
Job: 1E35 1E35-75-101

Moditech s.r.l.

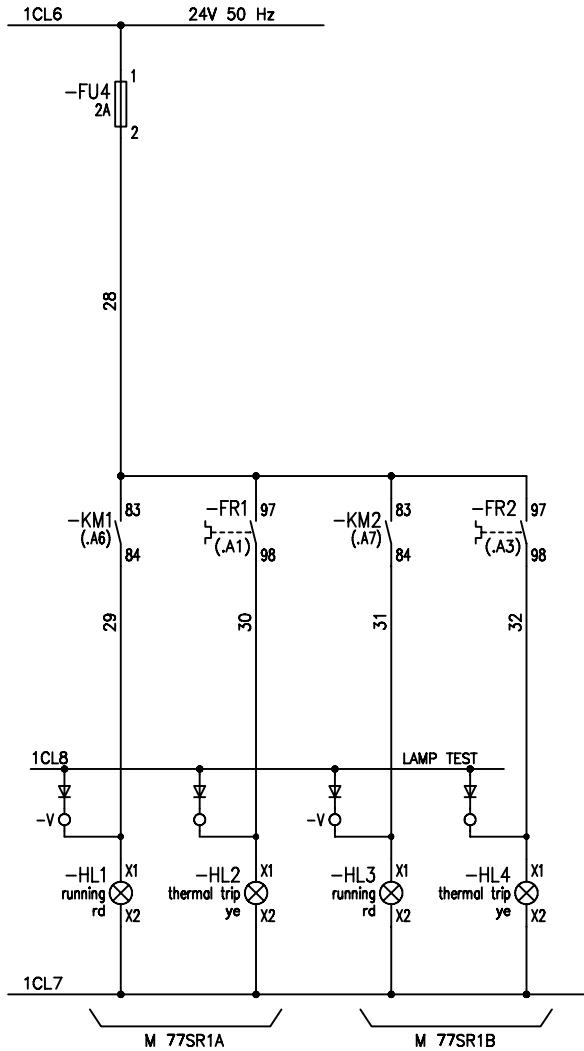
= 90.LVB.1A
+ 4C
(A)
sheet 066
067 n.sh



TO 90.CAB.1A
SIGNALLING MOTOR



TO 90.CAB.1A
SIGNALLING MOTOR



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Moditech s.r.l.

2014-01

= 90.LVB.1A

+ 4c

14 of 20

sheet 067

070 n.s.

88

UNI A3			
rev.	Issue Description	Author	Date
1	AFTER TEST	A. EMONTE	28/05/2010
0	FIRST ISSUE	A. EMONTE	20/04/2010

SLS

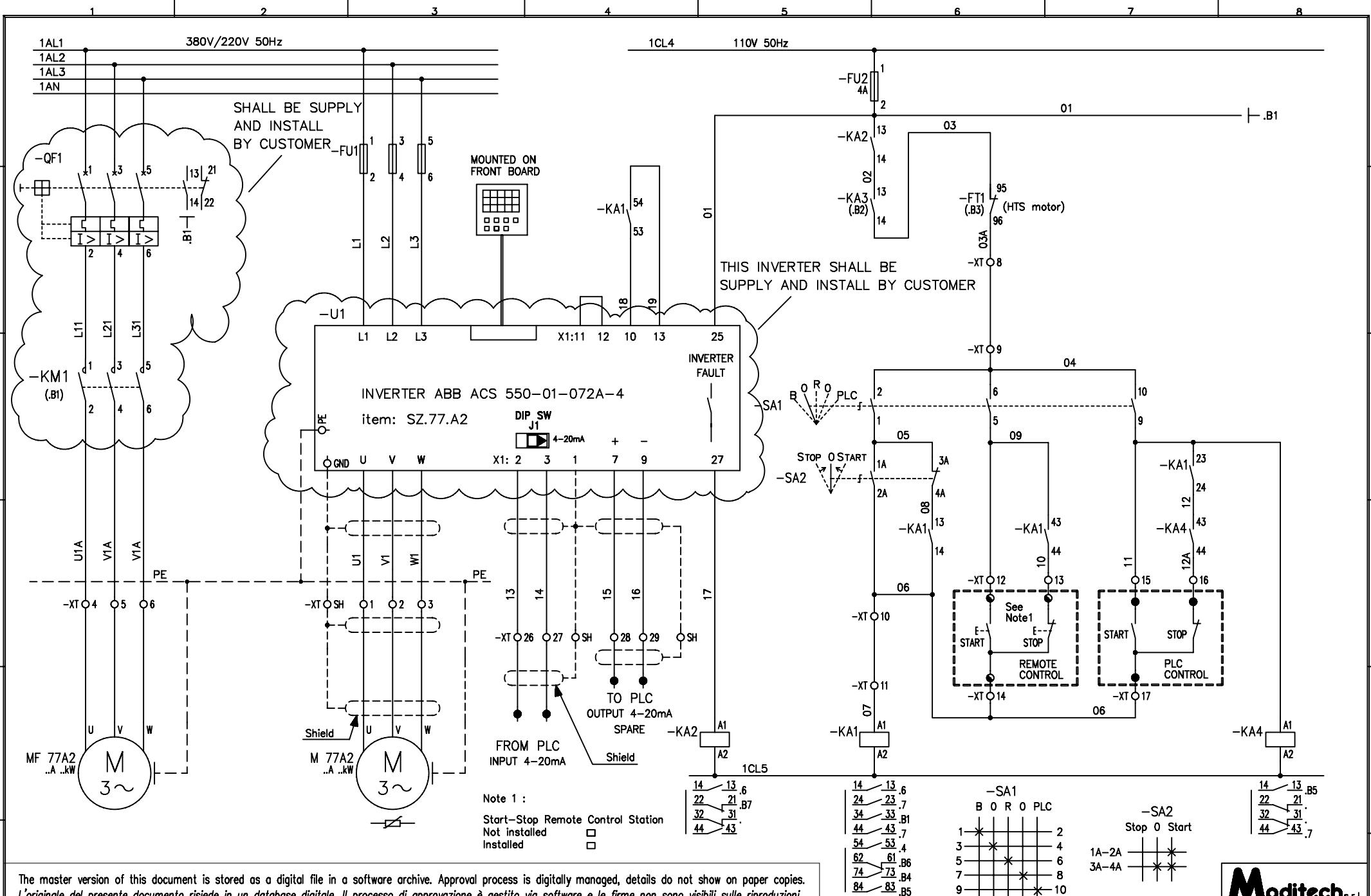


WIRING DIAGRAM
M 77SR1A / M 77SR1B
GLS POWDER VIBRATING SIEVE

Dis. 10.CC1K2583.E01

Job: 1E35

= 90.LVB.1A
+ 4C
(.B)
01 sheet 067
070 n.s.



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	0	FIRST ISSUE	A. EMONTE 20/04/2010

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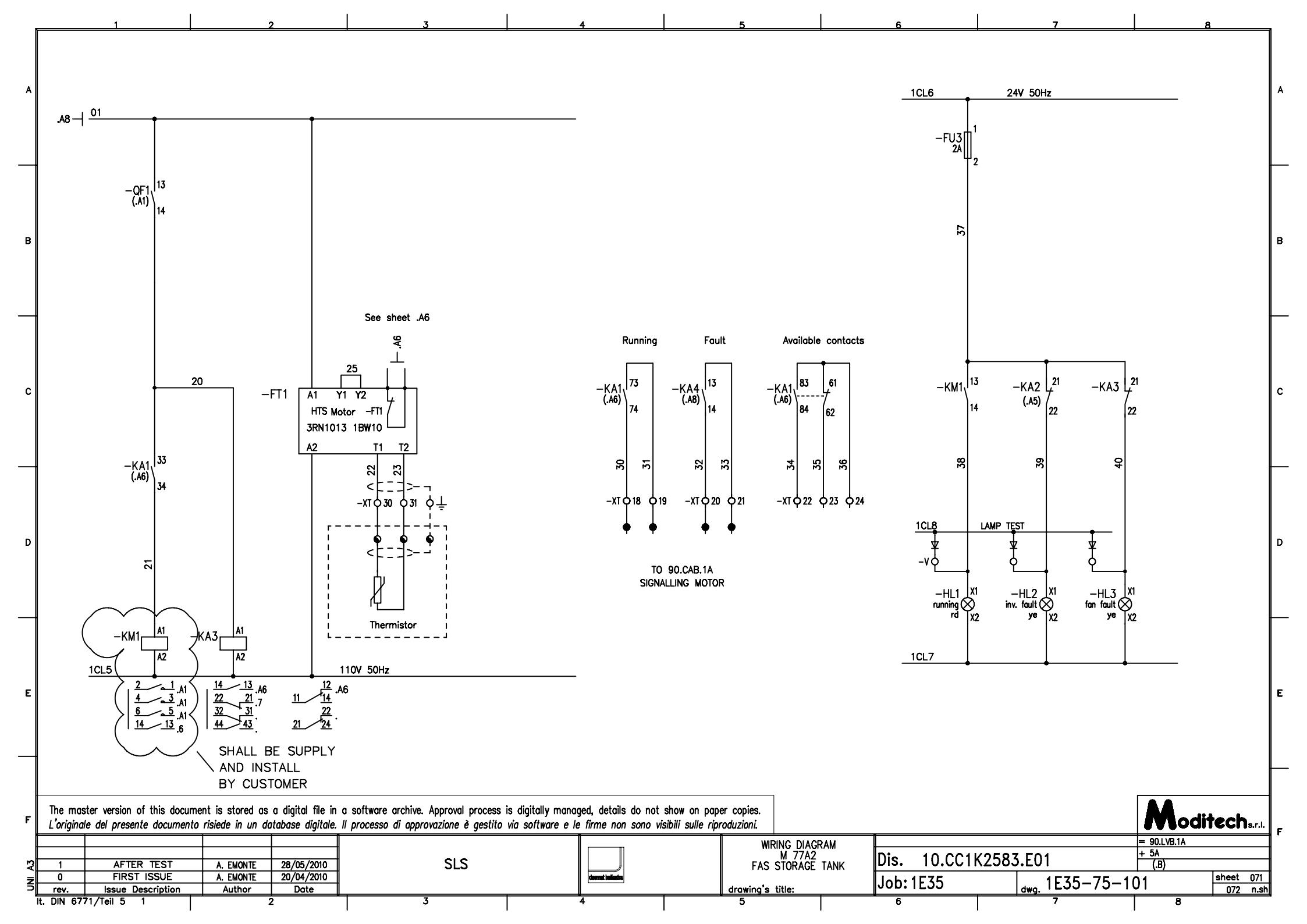


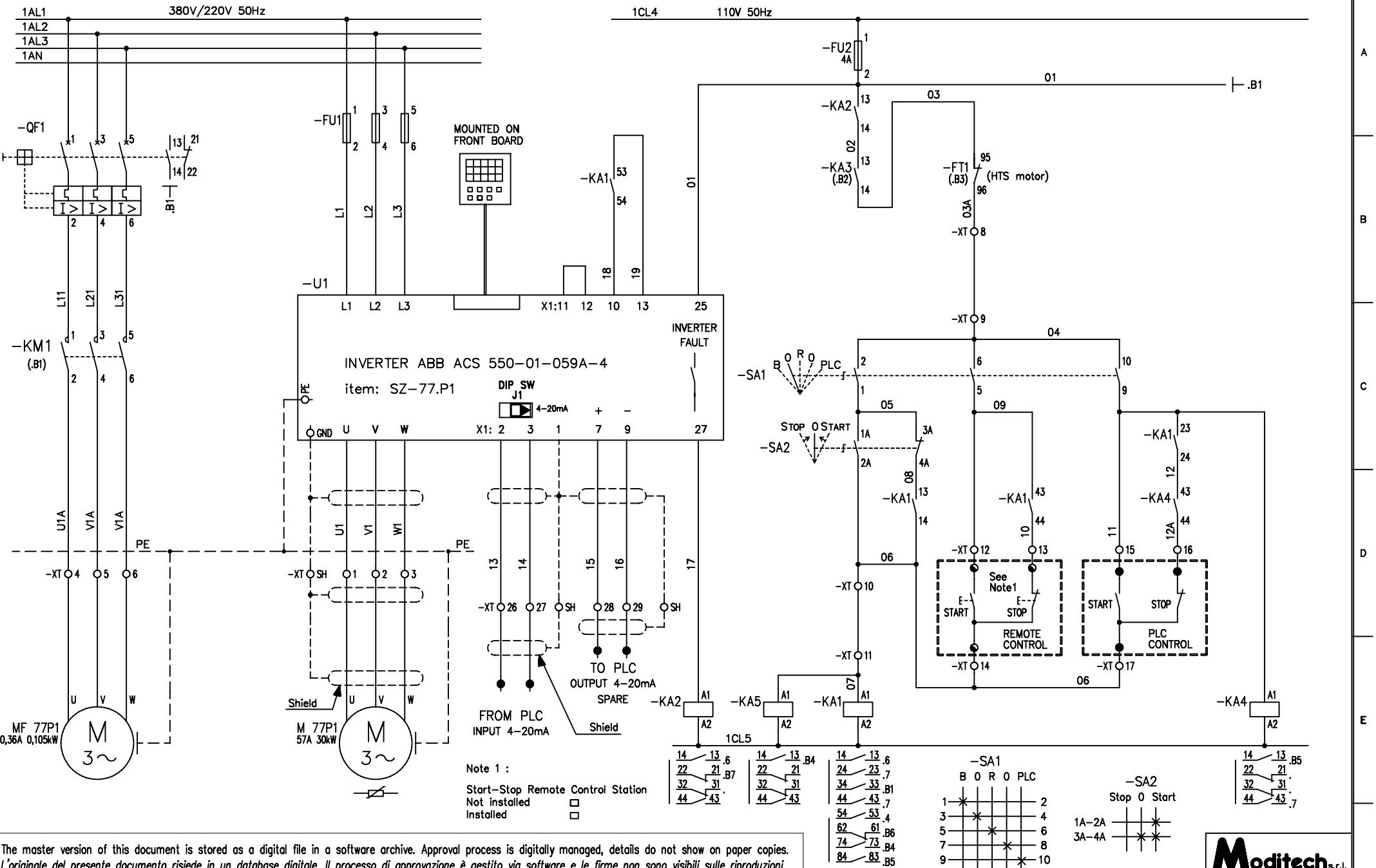
**WIRING DIAGRAM
M 77A2
FAS STORAGE TANK**

Dis. 10.CC1K2583.E0

Job: 1E35

= 90.LVB.1A
+ 5A
(.A)





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1	AFTER TEST	A. EMONTE	28/05/2010	
0	FIRST ISSUE	A. EMONTE	20/04/2010	
rev.	Issue Description	Author	Date	

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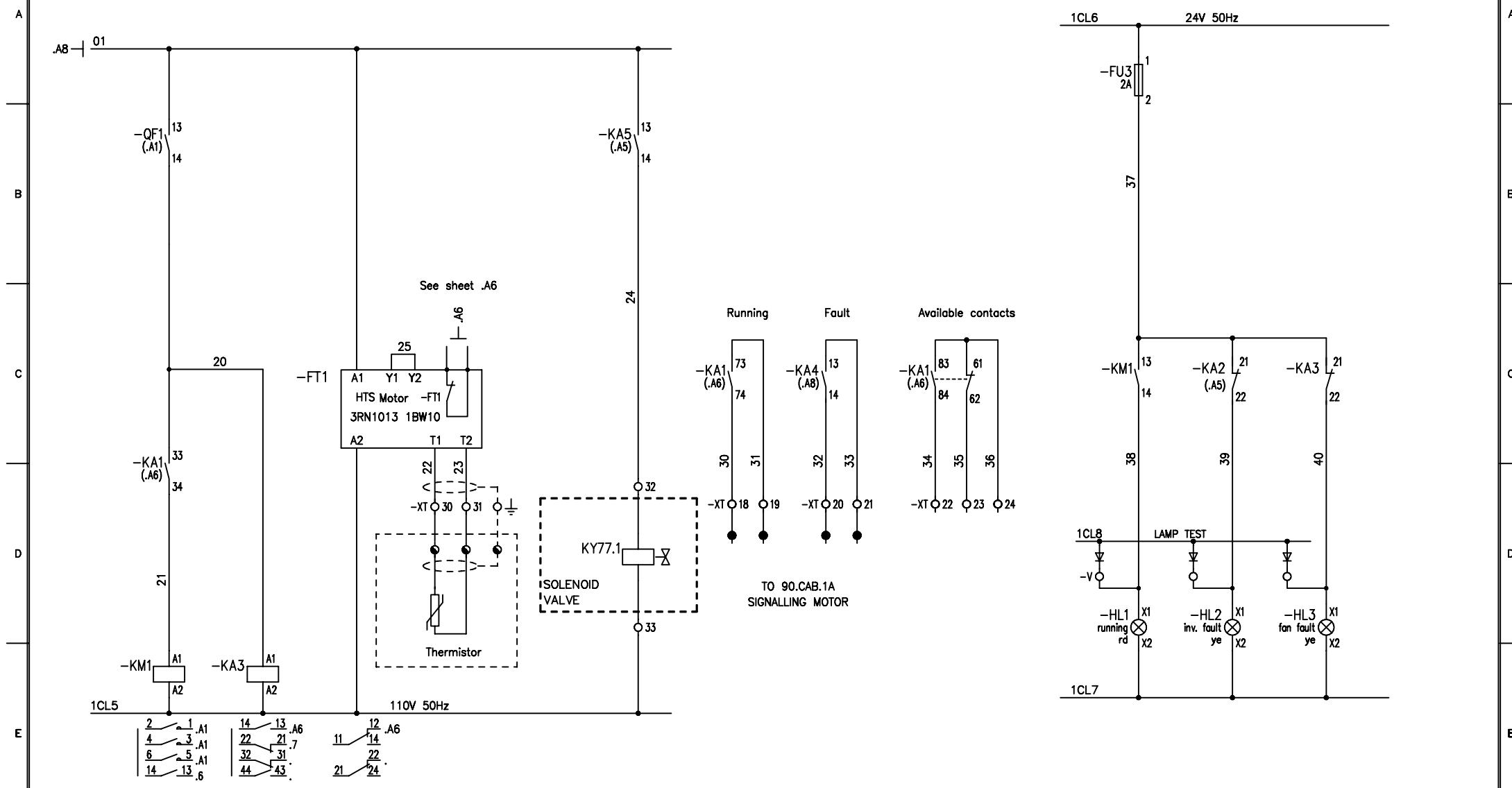


WIRING DIAGRAM
M 77P1
SLS FEEDING PUMP
drawing's title:

Moditechs.r.l.

= 90.LVB.1A
+ 6A
(A)
sheet 072
073 n.sh

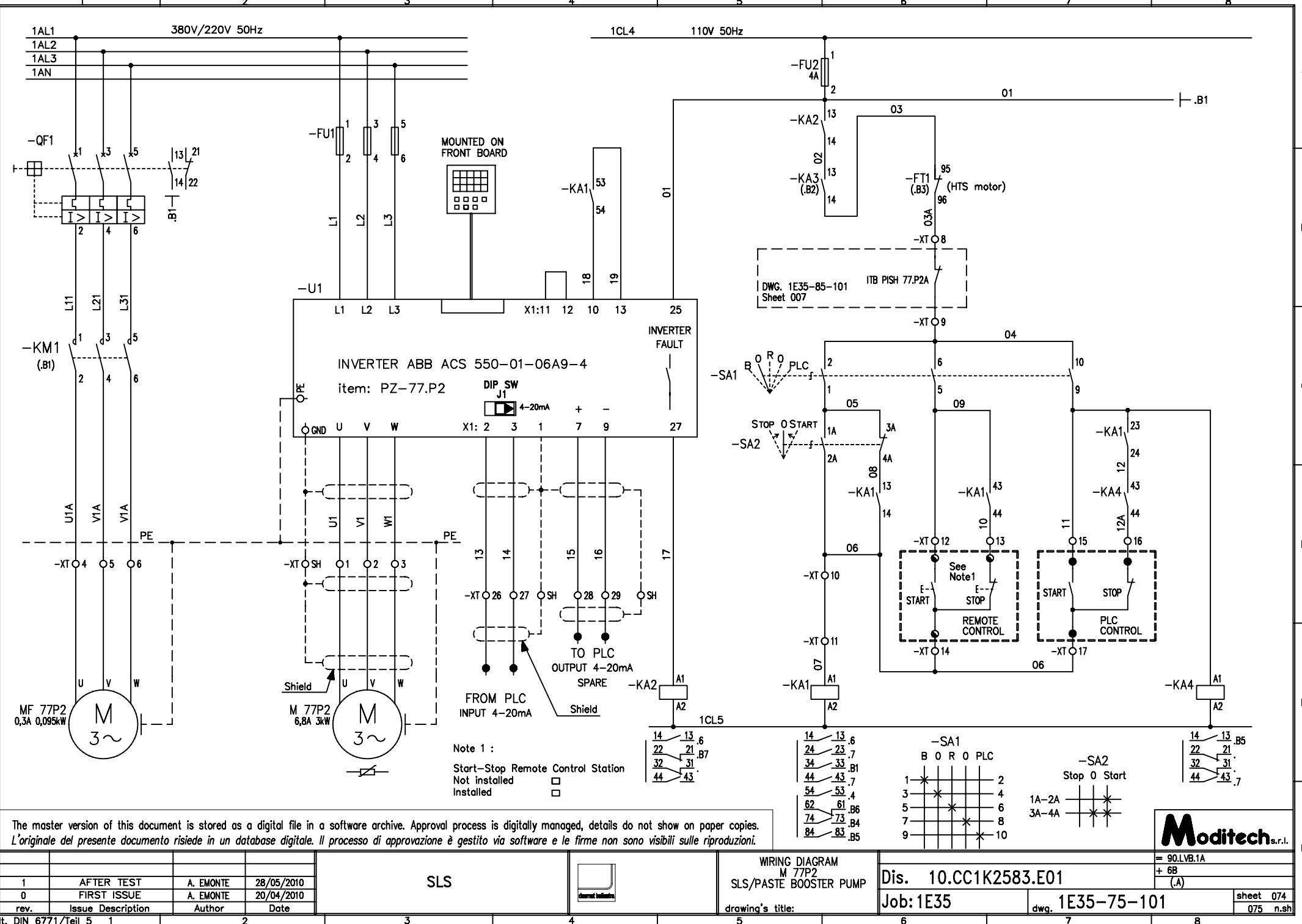
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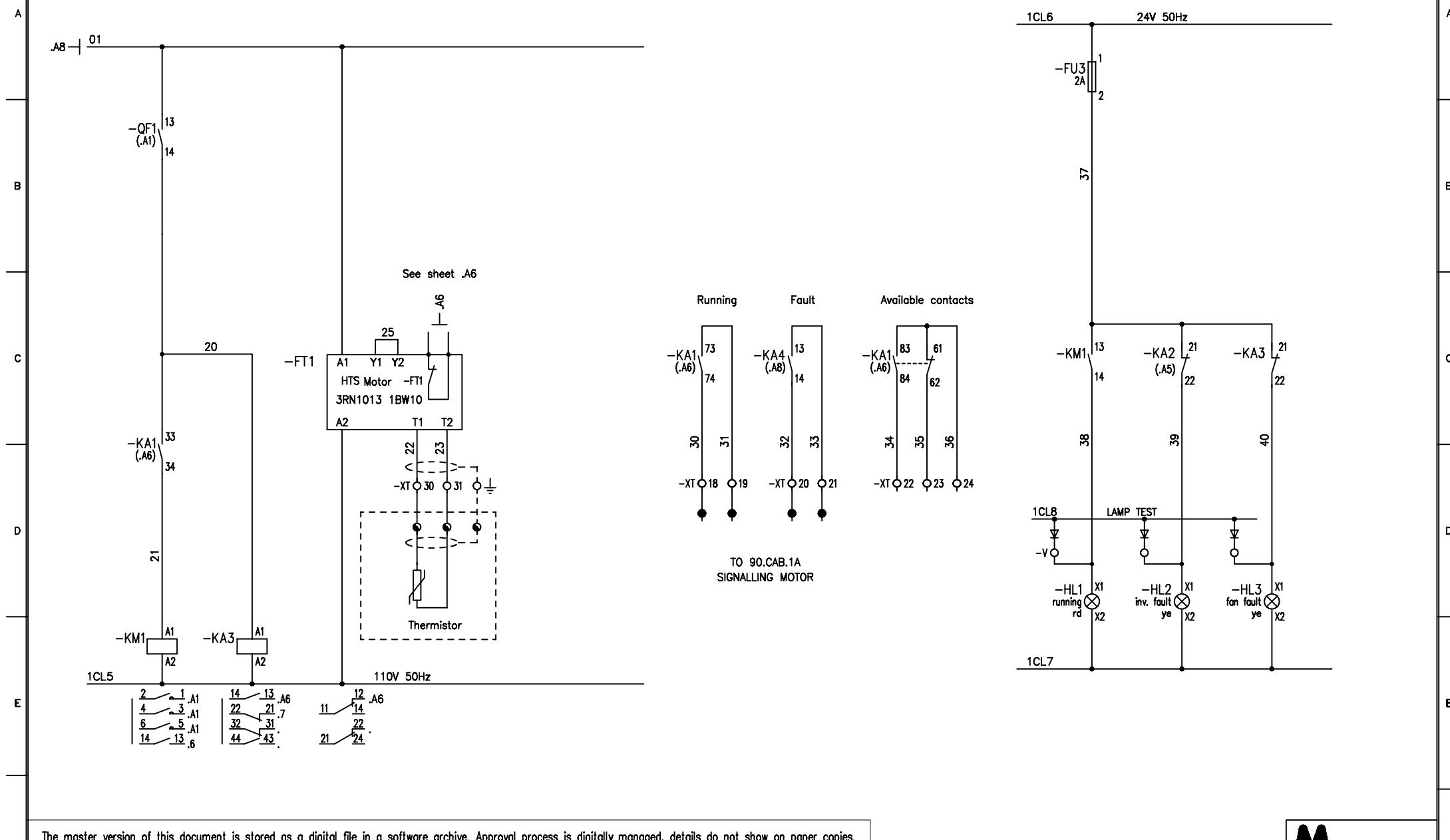
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UNI A3				WIRING DIAGRAM M 77P1 SLS FEEDING PUMP	Dis. 10.CC1K2583.E01	= 90.LVB.1A + 6A (B)
1	AFTER TEST	A. EMONTE	28/05/2010			
0	FIRST ISSUE	A. EMONTE	20/04/2010			
rev.	Issue Description	Author	Date			
It. DIN 6771/Teil 5 1	2	3	4	SLS	Job: 1E35	dwg. 1E35-75-101
						sheet 073
						074 n.sh



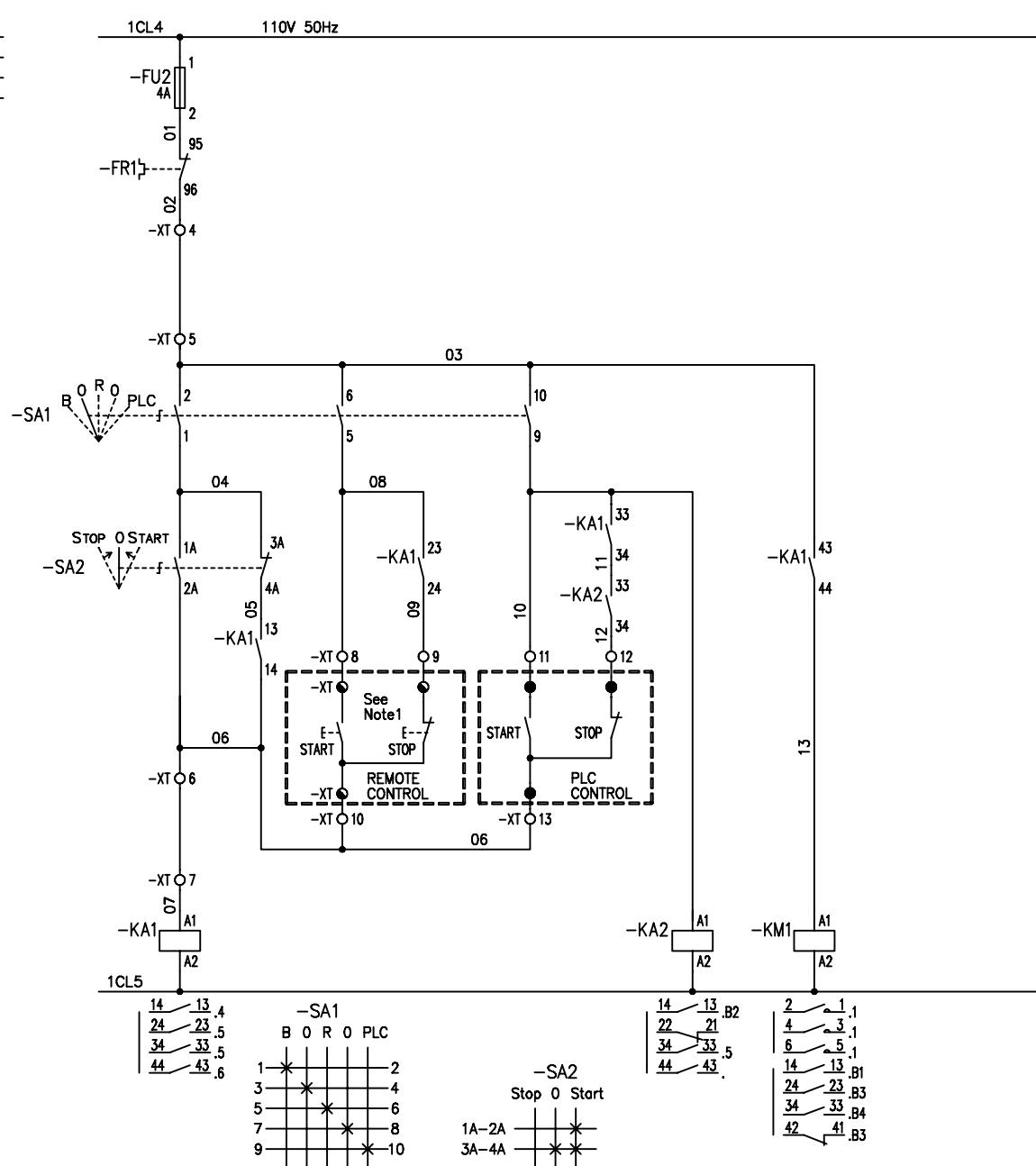
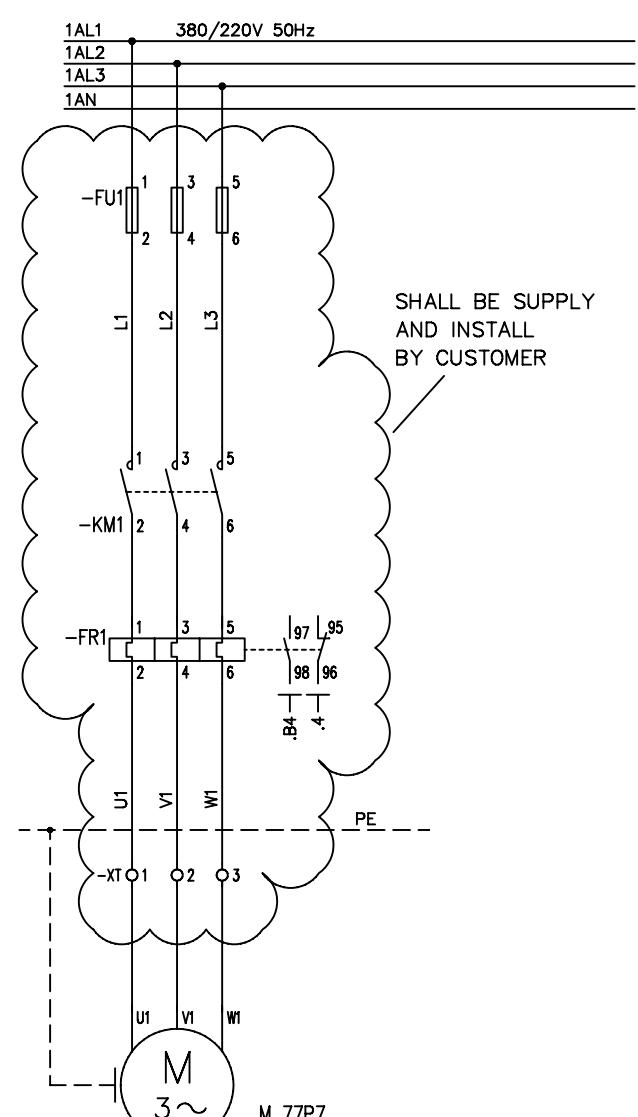
1 2 3 4 5 6 7 8



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UNI A3				WIRING DIAGRAM M 77P2 SLS/PASTE BOOSTER PUMP	Dis. 10.CC1K2583.E01	= 90.LVB.1A + 6B (.B)
1	AFTER TEST	A. EMONTE	28/05/2010			
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rev.	Issue Description	Author	Date	SLS	Job: 1E35	dwg. 1E35-75-101



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It. DIN 6771/Teil 5 1 2

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WIRING DIAGRAM
M 77P7
FIRE FIGHTING PUMP

drawing's title:

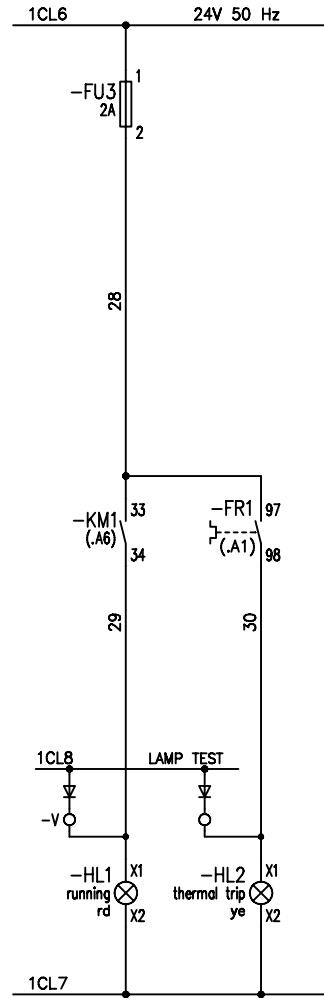
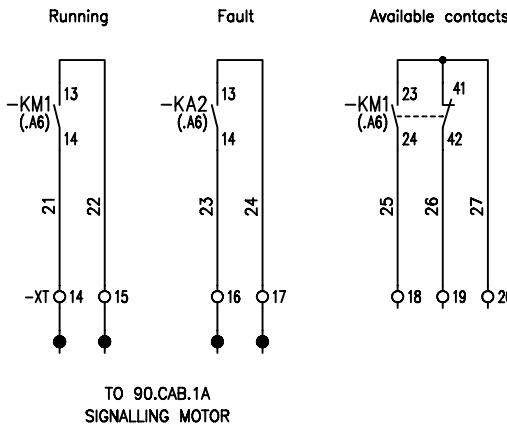
Dis. 10.CC1K2583.E01

Job: 1E35

dwg. 1E35-75-101

= 90.LVB.1A
+ 6C
(A)
sheet 076
077 n.sh

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UNI A3	Issue	Description	Author	Date						
1	AFTER TEST	A. EMONTE	28/05/2010							
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SLS



WIRING DIAGRAM
M 77P7
FIRE FIGHTING PUMP
drawing's title:

Dis. 10.CC1K2583.E01

Job: 1E35 1E35-75-101

= 90.LVB.1A
+ 6C
(B)
sheet 077
078 n.sh

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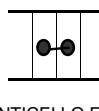
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			PLANT : SLS	TITLE DRAWING : TERMINAL STRIP 2A - XT	10.CC1K2583.E01	= 90.LVB.1A + 2A
1	Moditech s.r.l.				DRAWING : Sh. 079	
0	Busnago - Milano	desmet ballestra	JOB : 1E35	STARTING : M 77K1	1E35-75-101	Follow : Sh. 080
REV.						

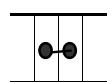
TIPO MORSETTO Terminal type		6 mm ²	CU40x8													SEPARATORE - Separating plate	
2C - XT	Identificazione MORSETTIERA / Designation Group strip	TERMINALE Terminal	ORIGINE Origin mark	IDENTIF. COND. Wire designation	APPARECCHIAT. Designation group												REMARKS :
MORSETTO N° Terminal n°	1	2	2C L10	2C L11													
MORSETTIERA Terminal strip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TERMINALE Terminal																	
CAVO N° Cable n°	TIPO Type	DESTINAZIONE Designation mark	APPARECCHIATURA Designation group	KC 77.1	KC 77.1	KC 77.1											
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1	M oditech s.r.l. Busnago - Milano						PLANT : SLS	TITLE DRAWING : TERMINAL STRIP 2C - XT STARTING : KC 77.1			10.CC1K2583.E01	= 90.LVB.1A					
0				JOB : 1E35			DRAWING : 1E35-75-101	Sh. 080				Follow : Sh. 081					
REV.																	



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LINK

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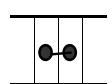
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	Moditech s.r.l. Busnago - Milano		PLANT : SLS	TITLE DRAWING : TERMINAL STRIP 2E - XT	10.CC1K2583.E01	= 90.LVB.1A + 2E
1			JOB : 1E35	STARTING : BK 77.1	DRAWING : 1E35-75-101	Sh. 082 Follow : Sh. 083
0		desmet ballestra				
REV.						

SEPARATORE - Separating plate

REMARKS :



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1	Moditech s.r.l.		PLANT : SLS	TITLE DRAWING : TERMINAL STRIP 2F - XT	10.CC1K2583.E01
0	Busnago - Milano	desmet ballestra	JOB : 1E35	STARTING : 90.CAB.1A	+ 2F
REV.				DRAWING : 1E35-75-101	Sh. 083
					Follow : Sh. 085

TIPO MORSETTO Terminal type		150 mm2	2,5 mm2	CU40x8		SEPARATORE - Separating plate	
3A - XT	TERMINALE Terminal	ORIGINE Origin mark		APPARECCHIAT. Designation group		REMARKS :	
	MORSETTO N° Terminal n°	IDENTIF. COND. Wire designation	3A U1	3A V1	3A W1	3A U2	3A V2
	M 77K3	O	2	3A V1			
	M 77K3	O	3	3A W1			
	M 77K3	O	4	3A U2			
	M 77K3	O	5	3A V2			
	M 77K3	O	6	3A W2			
	M 77K3	O	7	3A 02			
	3AKA3	O	8	3A 03			
	3AKA3	O	9	3A 06			
DESTINAZIONE Designation mark		10	3A 07				
APPARECCHIATURA Designation group		11	3A 08				
MORSETTIERA Terminal strip		12	3A 09				
TERMINALE Terminal		13					
FROM P.B... FROM P.B... FROM P.B... FROM P.B... FROM 90.CAB.1A FROM 90.CAB.1A FROM 90.CAB.1A TO 90.CAB.1A TO 90.CAB.1A TO 90.CAB.1A TO 90.CAB.1A TO 90.CAB.1A Available contacts Available contacts TO 90.CAB.1A TO 90.CAB.1A ZSL 77.5 ZSL 77.5		14	3A 10				
		15	3A 12				
		16	3A 21				
		17	3A 22				
		18	3A 23				
		19	3A 24				
		20					
		21					
		22	3A 26				
		23	3A 27				
		24	3A 31				
		25	3A 32				
		26	3A 01				
		27	3A 20				
CAVO N° Cable n°		In questo foglio / On this sheet					
TIPO Type		Su altro foglio / On other sheet					
		Totale / Total					

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Moditech s.r.l.
Busnago - Milano

PLANT:

JOB:

**TITLE DRAWING :
TERMINAL ST
3A - XT
STARTING : M 7**

10.CC1K2583.E

DRAWING :
1E35-75-101

= 90.LVB.1A
+ 3A
Sh. 085
Follow :
Sh. 086

SEPARATORE - Separating plate

REMARKS :



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Totale / Total

TIPO MORSETTO Terminal type		TERMINALE Terminal		16 mm ²	2,5 mm ²	SEPARATORE - Separating plate	
Identificazione MORSETTIERA / Designation Group strip				IDENTIF. COND. Wire designation	APPARECCHIAT. Designation group	REMARKS :	
3B - XT				ORIGINE Origin mark			
MORSETTO N° Terminal n°	DESTINAZIONE Designation mark	MORSETTIERA Terminal strip	APPARECCHIATURA Designation group	IDENTIF. COND. Wire designation	APPARECCHIAT. Designation group		
M 77K4	M 77K4	M 77K4	M 77K4	1 3B U1	2 3B V1		
M 77K4	M 77K4	M 77K4	M 77K4	3 3B W1	4 3B 02		
3BK43	3BK43	3BK43	3BK43	5 3B 03	6 3B 06		
FROM P.B. ... FROM P.B. ...	FROM P.B. ... FROM P.B. ...	FROM 90.CAB.1A FROM 90.CAB.1A	FROM 90.CAB.1A FROM 90.CAB.1A	7 3B 07	8 3B 08		
FROM 90.CAB.1A FROM 90.CAB.1A	FROM 90.CAB.1A FROM 90.CAB.1A	FROM 90.CAB.1A FROM 90.CAB.1A	FROM 90.CAB.1A FROM 90.CAB.1A	9 3B 09	10 3B 10		
TO 90.CAB.1A TO 90.CAB.1A	TO 90.CAB.1A TO 90.CAB.1A	TO 90.CAB.1A TO 90.CAB.1A	TO 90.CAB.1A TO 90.CAB.1A	11 3B 12	12 3B 12		
Available contacts Available contacts	Available contacts Available contacts	TO 90.CAB.1A TO 90.CAB.1A	TO 90.CAB.1A TO 90.CAB.1A	13 3B 21	14 3B 22		
ZSL 77.4 ZSL 77.4	ZSL 77.4 ZSL 77.4			15 3B 23	16 3B 23		
				17 3B 24	18 3B 25		
				19 3B 26	20 3B 27		
				21 3B 31	22 3B 32		
				23 3B 01	24 3B 20		
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			PLANT : SLS	TITLE DRAWING : TERMINAL STRIP 3B - XT	10.CC1K2583.E01	= 90.LVB.1A + 3B
1	Moditech s.r.l.				DRAWING :	Sh. 086
0	Busnago - Milano		JOB : 1E35	STARTING : M 77K4	1E35-75-101	Follow : Sh. 087
REV.						

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Moditech s.r.l.
Busnago - Milano
REV.

PLANT:

JOB : 1E3

**TITLE DRAWING :
TERMINAL STF
4A - XT
STARTING : M 77**

10.CC1K2583

DRAWING

1E35-75-1

= 90.LVB.1A
+ 4A
Sh. 087
Follow:
Sh. 088

SEPARATORE - Separating plate

REMARKS :



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			PLANT : SLS	TITLE DRAWING : TERMINAL STRIP 4B - XT	10.CC1K2583.E01	= 90.LVB.1A + 4B
1					DRAWING : 1E35-75-101	Sh. 088
0			JOB : 1E35	STARTING : M 77N1		Follow : Sh. 089
REV.		desmet ballestra				

TIPO MORSETTO Terminal type		TERMINALE Terminal		ORIGINE Origin mark		APPARECCHIAT. Designation group																			
				IDENTIF. COND. Wire designation																					
MORSETTO N° Terminal n°		1	4C U1																						
MORSETTIERA Terminal strip	O O O O O O O O	2	4C V1																						
TERMINALE Terminal	M 77SR1A M 77SR1A M 77SR1A M 77SR1B M 77SR1B M 77SR1B	3	4C W1																						
CAVO N° Cable n°	TIPO Type																								
M 77SR -M/1	4G...	x x x x x																							
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1	Moditech s.r.l.		desmet ballestra		PLANT : SLS		TITLE DRAWING : TERMINAL STRIP 4C - XT		10.CC1K2583.E01		= 90.LVB.1A														
0					JOB : 1E35		STARTING : M 77SR1A M 77SR1B		DRAWING : 1E35-75-101		+ 4C														
REV.									Sh. 089		Follow :														
REMARKS :																									
SEPARATORE - Separating plate																									
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Su altro foglio / On other sheet																									
Totale / Total																									



PONTICELLO FISSO
LINK

TIPO MORSETTO Terminal type		5A - XT		Identificazione MORSETTIERA / Designation Group strip			
CAVO N° Cable n°	TIPO Type	DESTINAZIONE Designation mark	APPARECCHIATURA Designation group	TERMINALE Terminal	ORIGINE Origin mark	APPARECCHIATURA Designation group	
		MORSETTO N° Terminal n°	MORSETTIERA Terminal strip	TERMINALE Terminal	IDENTIF. COND. Wire designation		
		M 77A2		1	5A U1		
		M 77A2		2	5A V1		
		M 77A2		3	5A W1		
		M 77A2		SH	SH		
		MF		4	5A U1A	▀	
		MF		5	5A V1A		
		MF		6	5A W1A	▀	
				7			
				8	5A 03A		
				9	5A 04		
				10	5A 06		
				11	5A 07		
				12	5A 09		
				13	5A 10		
		FROM PB... FROM PB... FROM PB... FROM PB... FROM 90.CAB.1A FROM 90.CAB.1A FROM 90.CAB.1A TO 90.CAB.1A TO 90.CAB.1A TO 90.CAB.1A TO 90.CAB.1A Available contacts Available contacts Available contacts FROM 90.CAB.1A FROM 90.CAB.1A FROM 90.CAB.1A FROM 90.CAB.1A TO 90.CAB.1A TO 90.CAB.1A TO 90.CAB.1A PTC PTC		14			
					15	5A 11	
					16	5A 12A	
					17		
					18	5A 30	
					19	5A 31	
					20	5A 32	
					21	5A 33	
					22	5A 34	
					23	5A 35	
					24	5A 36	
					26	5A 13	
					27	5A 14	
					SH	5A SH	
					28	5A 15	
					29	5A 16	
					SH	5A SH	
					30	5A 22	
					31	5A 23	
						▀	
						5A SH	

SEPARATORE - Separating plate



REMARKS :



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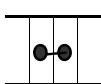
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Totale / Total

1	Moditech s.r.l.	desmet ballestra	PLANT : SLS	TITLE DRAWING : TERMINAL STRIP 5A - XT	10.CC1K2583.E01	= 90.LVB.1A + 5A
0			JOB : 1E35	STARTING : M 77A2	DRAWING : 1E35-75-101	Sh. 091 Follow : Sh. 092
REV.						

SEPARATORE - Separating plate

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TIPO MORSETTO Terminal type		6B - XT		Identificazione MORSETTIERA / Designation Group strip			
CAVO N° Cable n°	TIPO Type	DESTINAZIONE Designation mark	APPARECCHIATURA Designation group	TERMINALE Terminal	ORIGINE Origin mark	APPARECCHIAT. Designation group	
		MORSETTO N° Terminal n°	MORSETTIERA Terminal strip	TERMINALE Terminal	IDENTIF. COND. Wire designation		
		M 77P2	M 77P2	O O	1 2	6B U1 6B V1	
		M 77P2	M 77P2	O O	3	6B W1 SH	
		M 77P2	M 77P2	O O	4	6B U1A 	CU40x8
		MF	MF	O O	5	6B V1A	
		MF	MF	O O	6	6B V1A 	CU40x8
		ITB PISH 77.P2A	ITB PISH 77.P2A	O O	7		
				O O	8	6B 03A	
				O O	9	6B 04	
				O O	10	6B 06	
				O O	11	6B 07	
		FROM PB ..	FROM PB ..	O O	12	6B 09	
		FROM PB ..	FROM PB ..	O O	13	6B 10	
		FROM PB ..	FROM PB ..	O O	14		
		FROM 90.CAB.1A	FROM 90.CAB.1A	O O	15	6B 11	
		FROM 90.CAB.1A	FROM 90.CAB.1A	O O	16	6B 12A	
		FROM 90.CAB.1A	FROM 90.CAB.1A	O O	17		
		TO 90.CAB.1A	TO 90.CAB.1A	O O	18	6B 30	
		TO 90.CAB.1A	TO 90.CAB.1A	O O	19	6B 31	
		TO 90.CAB.1A	TO 90.CAB.1A	O O	20	6B 32	
		TO 90.CAB.1A	TO 90.CAB.1A	O O	21	6B 33	
		Available contacts	Available contacts	O O	22	6B 34	
		Available contacts	Available contacts	O O	23	6B 35	
		Available contacts	Available contacts	O O	24	6B 36	
		FROM 90.CAB.1A	FROM 90.CAB.1A	O O	25		
		FROM 90.CAB.1A	FROM 90.CAB.1A	O O	26	6B 13	
		FROM 90.CAB.1A	FROM 90.CAB.1A	O O	27	6B 14	
		TO 90.CAB.1A	TO 90.CAB.1A	SH		6B SH	
		TO 90.CAB.1A	TO 90.CAB.1A	O O	28	6B 15	
		TO 90.CAB.1A	TO 90.CAB.1A	O O	29	6B 16	
		TO 90.CAB.1A	TO 90.CAB.1A	O O	30	6B SH	
		PTC	PTC	O O	31	6B 22	
		PTC	PTC	O O			
				O O		6B SH	

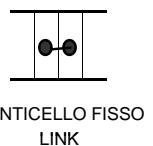
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1	Moditech s.r.l.	PLANT : SLS	TITLE DRAWING : TERMINAL STRIP 6B - XT	10.CC1K2583.E01	= 90.LVB.1A + 6B
0	Busnago - Milano	JOB : 1E35	STARTING : M 77P2	DRAWING : 1E35-75-101	Sh. 093 Follow : Sh. 094
REV.				Total / Total	

SEPARATORE - Separating plate



REMARKS :



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=..	+..	-..	Q.ty	TYPE	ELECTRICAL DATA	SUPPLYER	NOTES
90.LVB.1A	1A	a			MAIN FEEDING - 380 / 220V 50Hz		
90.LVB.1A	1A	FU1	1	PS10-3+FCF10 2AgG 545.0104+540.0102	3pole fuses holder 10,3x38+fuse gl 2A	WIMEX	
90.LVB.1A	1A	FU2/3	2	PS10-3N+FCF10 2AgG 545.0105+540.0102	4pole fuses holder 10,3x38+fuse gl 2A	WIMEX	
90.LVB.1A	1A	FV1	1	DRV3N.400	3pole min voltage relay	LOVATO	
90.LVB.1A	1A	HL1	1	050 ASL	flashing lamp	ELFIN	
90.LVB.1A	1A	PA1-2-3	3	RQ72E 0-800/1600A 800/1A	ac ammeter	IME	
90.LVB.1A	1A	PV1	1	RQ72E 0-500V	ac voltmeter	IME	
90.LVB.1A	1A	QF1	1	NS800N 50kA Micrologic 2.0	4 pole thermomagnetic circuit breaker 800A	SCHNEIDER	
90.LVB.1A	1A	SV1	1	AV106	voltmeter switch 7 pos.	IME	
90.LVB.1A	1A	TA1-2-3	3	TAIH10C800 800/1 A	current transformer	IME	
90.LVB.1A	1A	XT..	4	UT 35 - 3044225	terminal strip 35 mm2	PHOENIX	
90.LVB.1A	1A						
90.LVB.1A	1A						
90.LVB.1A	1A						
90.LVB.1A	1A						
90.LVB.1A	1A						
90.LVB.1A	1A						
90.LVB.1A	1A						
90.LVB.1A	1B	a			GENERAL SERVICE 220V 50Hz		
90.LVB.1A	1B	CF1..3	3	ALFATORR1000B	top cooling fan 120W 230V - 50-60 Hz	ALFAELECTRIC	
90.LVB.1A	1B	EH1..6	6	SHT100	anticondensate heater 100W 230Vac	ALFAELECTRIC	
90.LVB.1A	1B	EL1..6	6	1X18W 230V 6401	board lighting	DISANO	
90.LVB.1A	1B	FT1..3	3	THV02	termostat 0...60°	ALFAELECTRIC	
90.LVB.1A	1B	FT4/5	2	THR02	termostat 0...60°	ALFAELECTRIC	
90.LVB.1A	1B	FU1/3/7	3	PS10-1+FCF10 2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gl	WIMEX	
90.LVB.1A	1B	FU2/4/5/6	4	PS10-1+FCF10 4AgG 545.0101+540.0104	1pole fuses holder 10,3x38 + fuse gl	WIMEX	
90.LVB.1A	1B	HL1.2.3	3	ZB4.BV4+ZB4BV04	red lamp holder 230/6V	TELEMECANIQUE	
90.LVB.1A	1B	QF1	1	NG125L 2x16A "C"	2 pole circuit breaker	SCHNEIDER	
90.LVB.1A	1B	QF2	1	C60L 2x4A "C"	2 pole circuit breaker	SCHNEIDER	
90.LVB.1A	1B	QF2	1	1NO+1NC 26924	aux. contacts	SCHNEIDER	
90.LVB.1A	1B	QF3	1	NG125L 2x10A "C"	2 pole circuit breaker	SCHNEIDER	
90.LVB.1A	1B	QF1/3	2	1NO+1NC 19071	aux. contacts	SIEMENS	
90.LVB.1A	1B	SQ1..7	7	050 FI 01	door limit switch	ELFIN	
90.LVB.1A	1B	XS1/2	2	9967	socket 2x10A	VIMAR	
90.LVB.1A	1B	XT	4	UT 2,5 - 3044076	terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	1B						
90.LVB.1A	1B						
90.LVB.1A	1B						
90.LVB.1A	1B						
90.LVB.1A	1B						
90.LVB.1A	1B						

=..	+. .	-..	Q.ty	TYPE	ELECTRICAL DATA	SUPPLYER	NOTES
90.LVB.1A	1C	a					
90.LVB.1A	1C	FU1/2	2	PS10-1+FCF10 2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gl	WIMEX	
90.LVB.1A	1C	FU3	1	PS10-1+FCF10 4AgG 545.0101+540.0104	1pole fuses holder 10,3x38 + fuse gl	WIMEX	
90.LVB.1A	1C	HL1	1	ZB4.BV3+ZB4BV04	red lamp holder 110/6V	TELEMECANIQUE	
90.LVB.1A	1C	HL2	1	ZB4.BV6+ZB4BV04+BA9S30	red lamp holder 24V 60Hz	TELEMECANIQUE	
90.LVB.1A	1C	KA1	1	3RH11 22-1AP00	auxiliary relay 230V 50-60Hz 2L+2R	SIEMENS	
90.LVB.1A	1C	KM1	2	3RT10 24 -AF00 S0	3pole contactor 110V 50Hz	SIEMENS	
90.LVB.1A	1C	QF1	1	NG125L 3x20A "D"	3pole circuit breaker	SCHNEIDER	
90.LVB.1A	1C	QF2	1	C60N 2x32A "B"	2 pole circuit breaker	SCHNEIDER	
90.LVB.1A	1C	QF3	1	C60N 2x25A "B"	2 pole circuit breaker	SCHNEIDER	
90.LVB.1A	1C	SB1	1	ZB4.BA5 + ZB4.BZ105	Yellow push button	TELEMECANIQUE	
90.LVB.1A	1C	TC1	1	4kVA	auxiliary voltage transformer 380 ±5%/110V	ELCA	
90.LVB.1A	1C	TC2	1	1KVA	auxiliary voltage transformer 380 ±5%/24V	ELCA	
90.LVB.1A	1C	V	2	DM 22 A S - 5705.2	shedule 22diodes 1n4007	CONTACTCLIP	
90.LVB.1A	1C	XT..	10	UT 2,5 - 3044076	terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	1C						
90.LVB.1A	1C						
90.LVB.1A	1C						
90.LVB.1A	1C						
90.LVB.1A	2A	a		M 77K1	"HEAVY STAR - DELTA" 110kW		
90.LVB.1A	2A	FR1	1	3RB12 53-0FG40 50-205A	3pole thermal relay	SIEMENS	
90.LVB.1A	2A	FU1	1	PNH2 555.3475	3pole fuses holder NH2	WIMEX	
90.LVB.1A	2A	FU1	3	NH2 gG 224A 3NA3242	fuse gG	SIEMENS	or 250/315gG 3NA3244/52
90.LVB.1A	2A	FU2	1	PS10-1+6AgG 545.0101+540.0106	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	2A	FU3	1	PS10-1+2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	2A	HL1	1	ZB4.BV6+ZB4.BV04+BA9S24	red lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	2A	HL2	1	ZB4.BV6+ZB4.BV05+BA9S24	yellow lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	2A	KA1	1	3RH11 40-1AF00	auxiliary relay 4L 110V 50-60Hz	SIEMENS	
90.LVB.1A	2A	KA1	1	3RH19 11-1FA31	auxiliary contact 3L+1R	SIEMENS	
90.LVB.1A	2A	KA2/3	2	3RH11 31-1AF00	auxiliary relay 3L+1R 110V 50-60Hz	SIEMENS	
90.LVB.1A	2A	KM1/2/3	3	3RT10 55-6AF36 S6	3pole contactor 110V 50-60Hz	SIEMENS	
90.LVB.1A	2A	KM2/3	1	3RA19 54-2A	mechanical interlock	SIEMENS	
90.LVB.1A	2A	KT1	1	3RP15 76-1NQ30	Tymer relay star-delta 3-60" 24-110V 50-60Hz	SIEMENS	
90.LVB.1A	2A	PA1	1	RQ72E 0-250/1250A 250/1A	ac ammeter	IME	
90.LVB.1A	2A	SA1	1	K1E 005N + KBA 1H	5 position selector switch	TELEMECANIQUE	
90.LVB.1A	2A	SA2	1	ZB4.BD5 + ZB4.BZ105	3position selector switch with spring centre	TELEMECANIQUE	
90.LVB.1A	2A	TA1	1	TAID10C250 250/1 A	current transformer	IME	
90.LVB.1A	2A	XT..	6	UKH240 - 3010217	terminal strip 240 mm2	PHOENIX	
90.LVB.1A	2A	XT..	21	UT 2,5 - 3044076	terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	2A						
90.LVB.1A	2A						

=..	+..	-..	Q.ty	TYPE	ELECTRICAL DATA	SUPPLYER	NOTES
90.LVB.1A	2B	a			LOC. PANEL 1,5kVA-110V		
90.LVB.1A	2B	FU1	1	PS10-1+4AgG 545.0101+540.0104	1pole fuses holder 10,3x38 + fuse gl	WIMEX	
90.LVB.1A	2B	HL1	1	ZB4.BV3+ZB4BV01	white lamp holder 110/6V	TELEMECANIQUE	
90.LVB.1A	2B	KA1	1	3RH11 40-1AF00	auxiliary relay 4L 110V 50-60Hz	SIEMENS	
90.LVB.1A	2B	QF1	1	NG125L 2x10A "C"	2 pole thermomagnetic circuit breaker	SCHNEIDER	
90.LVB.1A	2B	QF2	1	C60N 2x10A "C"	2 pole thermomagnetic circuit breaker	SCHNEIDER	
90.LVB.1A	2B	TC1	1	1,5kVA	auxiliary voltage transformer 380 ±5%/110V	ELCA	
90.LVB.1A	2B						
90.LVB.1A	2B						
90.LVB.1A	2C	a		KC 77.1	LOC. PANEL 0,2kW-110V		
90.LVB.1A	2C	FU2	1	PS10-1+2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gl	WIMEX	
90.LVB.1A	2C	HL1	1	ZB4.BV6+ZB4.BV01+BA9S24	white lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	2C	QF1	1	C60N 2x4A "C"	2 pole thermomagnetic circuit breaker	SCHNEIDER	
90.LVB.1A	2C	QF1	1	INO+1NC 26924	aux. contacts	SCHNEIDER	
90.LVB.1A	2C	XT..	2	UT 6 - 3044131	terminal strip 6mm2	PHOENIX	
90.LVB.1A	2C						
90.LVB.1A	2C						
90.LVB.1A	2D	a		KC 77.2	LOC. PANEL 0,2kW-110V		
90.LVB.1A	2D	FU2	1	PS10-1+2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gl	WIMEX	
90.LVB.1A	2D	HL1	1	ZB4.BV6+ZB4.BV01+BA9S24	white lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	2D	QF1	1	C60N 2x4A "C"	2 pole thermomagnetic circuit breaker	SCHNEIDER	
90.LVB.1A	2D	QF1	1	INO+1NC 26924	aux. contacts	SCHNEIDER	
90.LVB.1A	2D	XT..	2	UT 6 - 3044131	terminal strip 6mm2	PHOENIX	
90.LVB.1A	2D						
90.LVB.1A	2D						
90.LVB.1A	2E	a		BK 77.1	LOC. PANEL ...kW-3Ph+N		
90.LVB.1A	2E	FU2	1	PS10-1+2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gl	WIMEX	
90.LVB.1A	2E	HL1	1	ZB4.BV6+ZB4.BV01+BA9S24	white lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	2E	QF1	1	NG125L 4x16A "C"	4 pole thermomagnetic circuit breaker	SCHNEIDER	
90.LVB.1A	2E	QF1	1	INO+1NC 19071	aux. contacts	SCHNEIDER	
90.LVB.1A	2E	XT..	4	UT 10 - 3044160	terminal strip 10mm2	PHOENIX	
90.LVB.1A	2E						
90.LVB.1A	2E						
90.LVB.1A	2F	a		90.CAB.1A	LOC. PANEL 0,5kVA-1Ph+N		
90.LVB.1A	2F	FU2	1	PS10-1+2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gl	WIMEX	
90.LVB.1A	2F	HL1	1	ZB4.BV6+ZB4.BV01+BA9S24	white lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	2F	QF1	1	NG125L 2x10A "C"	2 pole thermomagnetic circuit breaker	SCHNEIDER	
90.LVB.1A	2F	QF1	1	INO+1NC 19071	aux. contacts	SCHNEIDER	
90.LVB.1A	2F	XT..	2	UT 10 - 3044160	terminal strip 10mm2	PHOENIX	
90.LVB.1A	2F						
90.LVB.1A	2F						
90.LVB.1A	2F						
90.LVB.1A	2F						

=..	+. .	-..	Q.ty	TYPE	ELECTRICAL DATA	SUPPLYER	NOTES
90.LVB.1A	2F						
90.LVB.1A	2F						
90.LVB.1A	2F						
90.LVB.1A	2F						
90.LVB.1A	2F						
90.LVB.1A	2F						
90.LVB.1A	3A	a		M 77K3	"HEAVY STAR - DELTA" 90kW		
90.LVB.1A	3A	FR1	1	3RB12 53-0FG40 50-205A	3pole thermal relay	SIEMENS	
90.LVB.1A	3A	FU1	1	PNH2 555.3475	3pole fuses holder NH2	WIMEX	
90.LVB.1A	3A	FU1	3	NH2 gG 200A 3NA3240	fuse gG	SIEMENS	or 250/315gG 3NA3244/52
90.LVB.1A	3A	FU2	1	PS10-1+6AgG 545.0101+540.0106	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	3A	FU3	1	PS10-1+2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	3A	HL1	1	ZB4.BV6+ZB4.BV04+BA9S24	red lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	3A	HL2	1	ZB4.BV6+ZB4.BV05+BA9S24	yellow lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	3A	KA1	1	3RH11 40-1AF00	auxiliary relay 4L 110V 50-60Hz	SIEMENS	
90.LVB.1A	3A	KA1	1	3RH19 11-1FA31	auxiliary contact 3L+1R	SIEMENS	
90.LVB.1A	3A	KA2	1	3RH11 31-1AF00	auxiliary relay 3L+1R 110V 50-60Hz	SIEMENS	
90.LVB.1A	3A	KA3	1	3RH11 40-1AF00	auxiliary relay 3L+1R 110V 50-60Hz	SIEMENS	
90.LVB.1A	3A	KM1/2/3	3	3RT10 55-6AF36 S6	3pole contactor 110V 50-60Hz	SIEMENS	
90.LVB.1A	3A	KM2/3	1	3RA19 54-2A	mechanical interlock	SIEMENS	
90.LVB.1A	3A	KT1	1	3RP15 76-1NQ30	Tymer relay star-delta 3-60" 24-110V 50-60Hz	SIEMENS	
90.LVB.1A	3A	PA1	1	RQ72E 0-200/1000A 200/1A	ac ammeter	IME	
90.LVB.1A	3A	SA1	1	K1E 005N + KBA 1H	5 position selector switch	TELEMECANIQUE	
90.LVB.1A	3A	SA2	1	ZB4.BD5 + ZB4.BZ105	3position selector switch with spring centre	TELEMECANIQUE	
90.LVB.1A	3A	TA1	1	TAID10C200 200/1 A	current transformer	IME	
90.LVB.1A	3A	XT..	6	UKH150 - 3010110	terminal strip 150 mm2	PHOENIX	
90.LVB.1A	3A	XT..	21	UT 2,5 - 3044076	terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	3A						
90.LVB.1A	3B	a		M 77K4	"HD" 15kW		
90.LVB.1A	3B	FR1	1	3RU1146-4EBO 22-32A	3pole thermal relay	SIEMENS	
90.LVB.1A	3B	FU1	1	PNH00 555.3175	3pole fuses holder NH00	WIMEX	
90.LVB.1A	3B	FU1	1	NH000 aM 35A 3ND1814	fuse aM	SIEMENS	or 50aM 3ND1820
90.LVB.1A	3B	FU2	1	PS10-1+4AgG 545.0101+540.0104	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	3B	FU3	1	PS10-1+2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	3B	HL1	1	ZB4.BV6+ZB4.BV04+BA9S24	red lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	3B	HL2	1	ZB4.BV6+ZB4.BV05+BA9S24	yellow lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	3B	KA1	1	3RH19 11-1FA31	auxiliary contact 3L+1R	SIEMENS	
90.LVB.1A	3B	KA1/KT1	2	3RH11 40-1AF00	auxiliary relay 4L 110V 50-60Hz	SIEMENS	
90.LVB.1A	3B	KA2/3	2	3RH11 31-1AF00	auxiliary relay 3L+1R 110V 50-60Hz	SIEMENS	
90.LVB.1A	3B	KM1	1	3RH19 21-1FA31	auxiliary contact 3L+1R	SIEMENS	
90.LVB.1A	3B	KM1/2	2	3RT10 44 -AG20 S0	3pole contactor 110V 50-60Hz	SIEMENS	

=..	+..	-..	Q.ty	TYPE	ELECTRICAL DATA	SUPPLYER	NOTES
90.LVB.1A	3B	KT1	1	3RT1916-2EC31	time relay 1L+1R 110V 50-60Hz 5-100" on-delay	SIEMENS	
90.LVB.1A	3B	SA1	1	K1E 005N + KBA 1H	5 position selector switch	TELEMECANIQUE	
90.LVB.1A	3B	SA2	1	ZB4.BD5 + ZB4.BZ105	3position selector switch with spring centre	TELEMECANIQUE	
90.LVB.1A	3B	XT..	3	UT 16 - 3044199	terminal strip 16 mm2	PHOENIX	
90.LVB.1A	3B	XT..	21	UT 2,5 - 3044076	terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	3B						
90.LVB.1A	3B						
90.LVB.1A	4A	a		M 77A1	"DOL + INVERTER" 30kW		
90.LVB.1A	4A	FT1	1	3RN1013-1BW10	PTC relay	SIEMENS	
90.LVB.1A	4A	FU1	1	PNH00 555.3175	3pole fuses holder NH00	WIMEX	
90.LVB.1A	4A	FU1	1	NH000 gG 80A 550.0080	fuse gG	WIMEX	
90.LVB.1A	4A	FU2	1	PS10-1+4AgG 545.0101+540.0104	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	4A	FU3	1	PS10-1+2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	4A	HL1	1	ZB4.BV6+ZB4.BV04+BA9S30	red lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	4A	HL2/3	2	ZB4.BV6+ZB4.BV05+BA9S30	yellow lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	4A	KA1	1	3RH11 40-1AF00	auxiliary relay 4L 110V 50-60Hz	SIEMENS	
90.LVB.1A	4A	KA1	1	3RH19 11-1FA31	3L+1R auxiliary contact	SIEMENS	
90.LVB.1A	4A	KA2/3/4	3	3RH11 22-1AF00	auxiliary relay 2L+2R 110V 50-60Hz	SIEMENS	
90.LVB.1A	4A	KM1	1	3RT10 ... S..	3pole contactor 110V 50-60Hz	SIEMENS	
90.LVB.1A	4A	QF1	1	3RV10 ... A	3pole circuit breaker	SIEMENS	
90.LVB.1A	4A	QF1	1	3RV19 01-1E	aux. contacts 1L +1R	SIEMENS	
90.LVB.1A	4A	SA1	1	K1E 005N + KBA 1H	5 position selector switch	TELEMECANIQUE	
90.LVB.1A	4A	SA2	1	ZB4.BD5 + ZB4.BZ105	3position selector switch with spring centre	TELEMECANIQUE	
90.LVB.1A	4A	U1	1	ACS550-01-072A-4	Inverter - ABB (FUTURE INSTALLATION)	SUPPLY BY CUSTOMER	(FUTURE)
90.LVB.1A	4A	XT..	4	UHK 50 - 30 09 11 8	terminal strip 50 mm2	PHOENIX	
90.LVB.1A	4A	XT..	3	UT 6 - 3044131	terminal strip 6mm2	PHOENIX	
90.LVB.1A	4A	XT..	27	UT 2,5 - 3044076	terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	4A	XT..	1	UT 2,5-PE - 3044092	earth terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	4A						
90.LVB.1A	4A						
90.LVB.1A	4B	a		M 77N1	"DOL" 1,5kW		
90.LVB.1A	4B	FR1	1	3RU1116-1EBO 2,8-4A	3pole thermal relay	SIEMENS	
90.LVB.1A	4B	FU1	1	PS 10-3 545.0104	3pole fuses holder 10,3x38	WIMEX	
90.LVB.1A	4B	FU1	3	FCF10 gG 16A 540.0116	fuse gG	WIMEX	
90.LVB.1A	4B	FU2	1	PS10-1+4AgG 545.0101+540.0104	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	4B	FU3	1	PS10-1+2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	4B	HL1	1	ZB4.BV6+ZB4.BV04+BA9S24	red lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	4B	HL2	1	ZB4.BV6+ZB4.BV05+BA9S24	yellow lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	4B	KA1	1	3RH11 40-1AF00	auxiliary relay 4L 110V 50-60Hz	SIEMENS	
90.LVB.1A	4B	KA2	1	3RH11 31-1AF00	auxiliary relay 3L+1R 110V 50-60Hz	SIEMENS	
90.LVB.1A	4B	KM1	1	3RT10 16 -AF01 S00	3pole contactor 110V 50-60Hz	SIEMENS	
90.LVB.1A	4B	KM1	1	3RH19 11-1FA31	auxiliary contact 3L+1R	SIEMENS	
90.LVB.1A	4B	SA1	1	K1E 005N + KBA 1H	5 position selector switch	TELEMECANIQUE	

=..	+. ..	-..	Q.ty	TYPE	ELECTRICAL DATA	SUPPLYER	NOTES
90.LVB.1A	4B	SA2	1	ZB4.BD5 + ZB4.BZ105	3position selector switch with spring centre	TELEMECANIQUE	
90.LVB.1A	4B	XT..	3	UT 6 - 3044131	terminal strip 6mm2	PHOENIX	
90.LVB.1A	4B	XT..	17	UT 2,5 - 3044076	terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	4B						
90.LVB.1A	4B						
90.LVB.1A	4C	a		M 77SR1A	"DOL" 0,65kW		
90.LVB.1A	4C	FR1	1	3RU1116-0KBO 0,9-1,25A	3pole thermal relay	SIEMENS	
90.LVB.1A	4C	FU1	1	PS 10-3 545.0104	3pole fuses holder 10,3x38	WIMEX	
90.LVB.1A	4C	FU1	3	FCF10 gG 4A 540.0104	fuse gG	WIMEX	
90.LVB.1A	4C	FU3	1	PS10-1+6AgG 545.0101+540.0106	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	4C	FU4	1	PS10-1+2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	4C	HL1	1	ZB4.BV6+ZB4.BV04+BA9S24	red lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	4C	HL2	1	ZB4.BV6+ZB4.BV05+BA9S24	yellow lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	4C	KA1	1	3RH11 40-1AF00	auxiliary relay 4L 110V 50-60Hz	SIEMENS	
90.LVB.1A	4C	KA2	1	3RH11 31-1AF00	auxiliary relay 3L+1R 110V 50-60Hz	SIEMENS	
90.LVB.1A	4C	KM1	1	3RT10 16 -AF01 S00	3pole contactor 110V 50-60Hz	SIEMENS	
90.LVB.1A	4C	KM1	1	3RH19 11-1FA31	auxiliary contact 3L+1R	SIEMENS	
90.LVB.1A	4C	SA1	1	K1E 005N + KBA 1H	5 position selector switch	TELEMECANIQUE	
90.LVB.1A	4C	SA2	1	ZB4.BD5 + ZB4.BZ105	3position selector switch with spring centre	TELEMECANIQUE	
90.LVB.1A	4C	XT..	3	UT 6 - 3044131	terminal strip 6mm2	PHOENIX	
90.LVB.1A	4C	XT..	24	UT 2,5 - 3044076	terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	4C						
90.LVB.1A	4C						
90.LVB.1A	4C	a		M 77SR1B	"DOL" 0,65kW		
90.LVB.1A	4C	FR2	1	3RU1116-0KBO 0,9-1,25A	3pole thermal relay	SIEMENS	
90.LVB.1A	4C	FU2	1	PS 10-3 545.0104	3pole fuses holder 10,3x38	WIMEX	
90.LVB.1A	4C	FU2	3	FCF10 gG 4A 540.0104	fuse gG	WIMEX	
90.LVB.1A	4C	HL3	1	ZB4.BV6+ZB4.BV04+BA9S24	red lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	4C	HL4	1	ZB4.BV6+ZB4.BV05+BA9S24	yellow lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	4C	KM2	1	3RT10 16 -AF01 S00	3pole contactor 110V 50-60Hz	SIEMENS	
90.LVB.1A	4C	KM2	1	3RH19 11-1FA31	auxiliary contact 3L+1R	SIEMENS	
90.LVB.1A	4C	XT..	3	UT 6 - 3044131	terminal strip 6mm2	PHOENIX	
90.LVB.1A	4C						
90.LVB.1A	4C						
90.LVB.1A	5A	a		M 77A2	"DOL + INVERTER" 30kW		
90.LVB.1A	5A	FT1	1	3RN1013-1BW10	PTC relay	SIEMENS	
90.LVB.1A	5A	FU1	1	PNH00 555.3175	3pole fuses holder NH00	WIMEX	
90.LVB.1A	5A	FU1	1	NH000 gG 80A 550.0080	fuse gG	WIMEX	
90.LVB.1A	5A	FU2	1	PS10-1+4AgG 545.0101+540.0104	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	5A	FU3	1	PS10-1+2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	5A	HL1	1	ZB4.BV6+ZB4.BV04+BA9S30	red lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	5A	HL2/3	2	ZB4.BV6+ZB4.BV05+BA9S30	yellow lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	5A	KA1	1	3RH11 40-1AF00	auxiliary relay 4L 110V 50-60Hz	SIEMENS	

=..	+. .	-..	Q.ty	TYPE	ELECTRICAL DATA	SUPPLYER	NOTES
90.LVB.1A	5A	KA1	1	3RH19 11-1FA31	3L+1R auxiliary contact	SIEMENS	
90.LVB.1A	5A	KA2/3/4	3	3RH11 22-1AF00	auxiliary relay 2L+2R 110V 50-60Hz	SIEMENS	
90.LVB.1A	5A	KM1	1	3RT10 ... S..	3pole contactor 110V 50-60Hz	SIEMENS	
90.LVB.1A	5A	QF1	1	3RV10A	3pole circuit breaker	SIEMENS	
90.LVB.1A	5A	QF1	1	3RV19 01-1E	aux. contacts 1L +1R	SIEMENS	
90.LVB.1A	5A	SA1	1	K1E 005N + KBA 1H	5 position selector switch	TELEMECANIQUE	
90.LVB.1A	5A	SA2	1	ZB4.BD5 + ZB4.BZ105	3position selector switch with spring centre	TELEMECANIQUE	
90.LVB.1A	5A	U1	1	ACS550-01-072A-4	Inverter - ABB (FUTURE INSTALLATION)	SUPPLY BY CUSTOMER	(FUTURE)
90.LVB.1A	5A	XT..	4	UHK 50 - 30 09 11 8	terminal strip 50 mm2	PHOENIX	
90.LVB.1A	5A	XT..	3	UT 6 - 3044131	terminal strip 6mm2	PHOENIX	
90.LVB.1A	5A	XT..	26	UT 2,5 - 3044076	terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	5A	XT..	1	UT 2,5-PE - 3044092	earth terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	5A						
90.LVB.1A	5A						
90.LVB.1A	6A	a		M 77P1	"DOL + INVERTER" 30kW		
90.LVB.1A	6A	FT1	1	3RN1013-1BW10	PTC relay	SIEMENS	
90.LVB.1A	6A	FU1	1	PNH00 555.3175	3pole fuses holder NH00	WIMEX	
90.LVB.1A	6A	FU1	1	NH000 gG 63A 550.0063	fuse gG	WIMEX	
90.LVB.1A	6A	FU2	1	PS10-1+4AgG 545.0101+540.0104	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	6A	FU3	1	PS10-1+2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	6A	HL1	1	ZB4.BV6+ZB4BV04+BA9S30	red lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	6A	HL2/3	2	ZB4.BV6+ZB4BV05+BA9S30	yellow lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	6A	KA1	1	3RH11 40-1AF00	auxiliary relay 4L 110V 50-60Hz	SIEMENS	
90.LVB.1A	6A	KA1	1	3RH19 11-1FA31	3L+1R auxiliary contact	SIEMENS	
90.LVB.1A	6A	KA2/3/4/5	4	3RH11 22-1AF00	auxiliary relay 2L+2R 110V 50-60Hz	SIEMENS	
90.LVB.1A	6A	KM1	1	3RT10 16 -AF01 S00	3pole contactor 110V 50-60Hz	SIEMENS	
90.LVB.1A	6A	QF1	1	3RV10 11-0FA10 0,35-0,5A	3pole circuit breaker	SIEMENS	
90.LVB.1A	6A	QF1	1	3RV19 01-1E	aux. contacts 1L +1R	SIEMENS	
90.LVB.1A	6A	SA1	1	K1E 005N + KBA 1H	5 position selector switch	TELEMECANIQUE	
90.LVB.1A	6A	SA2	1	ZB4.BD5 + ZB4.BZ105	3position selector switch with spring centre	TELEMECANIQUE	
90.LVB.1A	6A	U1	1	ACS550-01-059A-4	Inverter - ABB	SUPPLY BY BALLESTRA	
90.LVB.1A	6A	XT..	4	UT 35 - 3044225	terminal strip 35 mm2	PHOENIX	
90.LVB.1A	6A	XT..	3	UT 6 - 3044131	terminal strip 6mm2	PHOENIX	
90.LVB.1A	6A	XT..	29	UT 2,5 - 3044076	terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	6A	XT..	1	UT 2,5-PE - 3044092	earth terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	6A						
90.LVB.1A	6A						
90.LVB.1A	6B	a		M 77P2	"DOL + INVERTER" 3kW		
90.LVB.1A	6B	FT1	1	3RN1013-1BW10	PTC relay	SIEMENS	
90.LVB.1A	6B	FU1	1	PS 10-3 545.0104	3pole fuses holder 10,3x38	WIMEX	
90.LVB.1A	6B	FU1	1	FCF10 gG 10A 540.0110	fuse gG	WIMEX	
90.LVB.1A	6B	FU2	1	PS10-1+4AgG 545.0101+540.0104	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	6B	FU3	1	PS10-1+2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gG	WIMEX	

=..	+. ..	-..	Q.ty	TYPE	ELECTRICAL DATA	SUPPLYER	NOTES
90.LVB.1A	6B	HL1	1	ZB4.BV6+ZB4.BV04+BA9S30	red lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	6B	HL2/3	2	ZB4.BV6+ZB4.BV05+BA9S30	yellow lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	6B	KA1	1	3RH11 40-1AF00	auxiliary relay 4L 110V 50-60Hz	SIEMENS	
90.LVB.1A	6B	KA1	1	3RH19 11-1FA31	3L+1R auxiliary contact	SIEMENS	
90.LVB.1A	6B	KA2/3/4	3	3RH11 22-1AF00	auxiliary relay 2L+2R 110V 50-60Hz	SIEMENS	
90.LVB.1A	6B	KM1	1	3RT10 16-1AF01 S00	3pole contactor 110V 50-60Hz	SIEMENS	
90.LVB.1A	6B	QF1	1	3RV10 11-0EA10 0,28-0,4A	3pole circuit breaker	SIEMENS	
90.LVB.1A	6B	QF1	1	3RV19 01-1E	aux. contacts 1L +1R	SIEMENS	
90.LVB.1A	6B	SA1	1	K1E 005N + KBA 1H	5 position selector switch	TELEMECANIQUE	
90.LVB.1A	6B	SA2	1	ZB4.BD5 + ZB4.BZ105	3position selector switch with spring centre	TELEMECANIQUE	
90.LVB.1A	6B	U1	1	ACS550-01-06A9-4	Inverter - ABB	<i>SUPPLY BY BALLESTRA</i>	
90.LVB.1A	6B	XT..	4	UT 10 - 3044160	terminal strip 10mm2	PHOENIX	
90.LVB.1A	6B	XT..	3	UT 6 - 3044131	terminal strip 6mm2	PHOENIX	
90.LVB.1A	6B	XT..	27	UT 2,5 - 3044076	terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	6B	XT..	1	UT 2,5-PE - 3044092	earth terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	6B						
90.LVB.1A	6B						
90.LVB.1A	6C	a		M 77P7	"DOL" ..kW		
90.LVB.1A	6C	FR1	1	...	3pole thermal relay	SIEMENS	
90.LVB.1A	6C	FU1	1	...	3pole fuses holder ...	WIMEX	
90.LVB.1A	6C	FU1	3	...	fuse ...	WIMEX	
90.LVB.1A	6C	FU2	1	PS10-1+4AgG 545.0101+540.0104	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	6C	FU3	1	PS10-1+2AgG 545.0101+540.0102	1pole fuses holder 10,3x38 + fuse gG	WIMEX	
90.LVB.1A	6C	HL1	1	ZB4.BV6+ZB4.BV04+BA9S24	red lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	6C	HL2	1	ZB4.BV6+ZB4.BV05+BA9S24	yellow lamp holder 24V	TELEMECANIQUE	
90.LVB.1A	6C	KA1	1	3RH11 40-1AF00	auxiliary relay 4L 110V 50-60Hz	SIEMENS	
90.LVB.1A	6C	KA2	1	3RH11 31-1AF00	auxiliary relay 3L+1R 110V 50-60Hz	SIEMENS	
90.LVB.1A	6C	KM1	1		3pole contactor 110V 50-60Hz	SIEMENS	
90.LVB.1A	6C	KM1	1		auxiliary contact 3L+1R	SIEMENS	
90.LVB.1A	6C	SA1	1	K1E 005N + KBA 1H	5 position selector switch	TELEMECANIQUE	
90.LVB.1A	6C	SA2	1	ZB4.BD5 + ZB4.BZ105	3position selector switch with spring centre	TELEMECANIQUE	
90.LVB.1A	6C	XT..	3			PHOENIX	
90.LVB.1A	6C	XT..	17	UT 2,5 - 3044076	terminal strip 2,5mm2	PHOENIX	
90.LVB.1A	6C						
90.LVB.1A	6C						