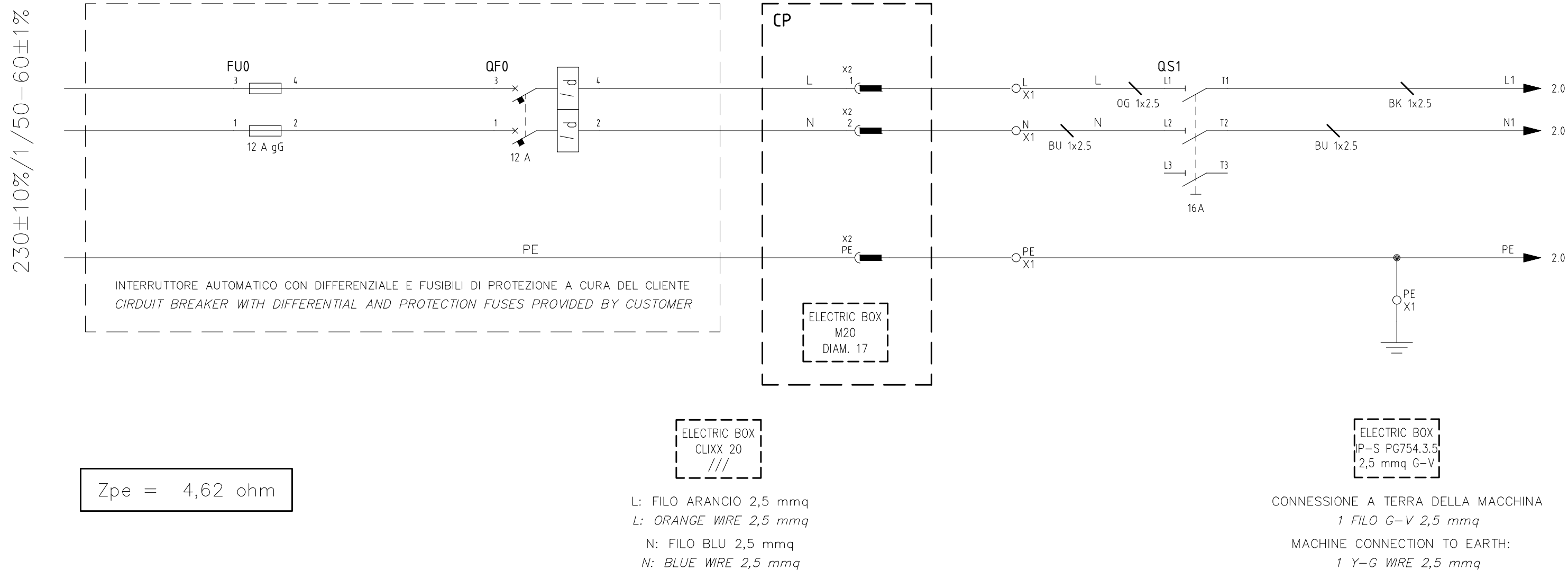
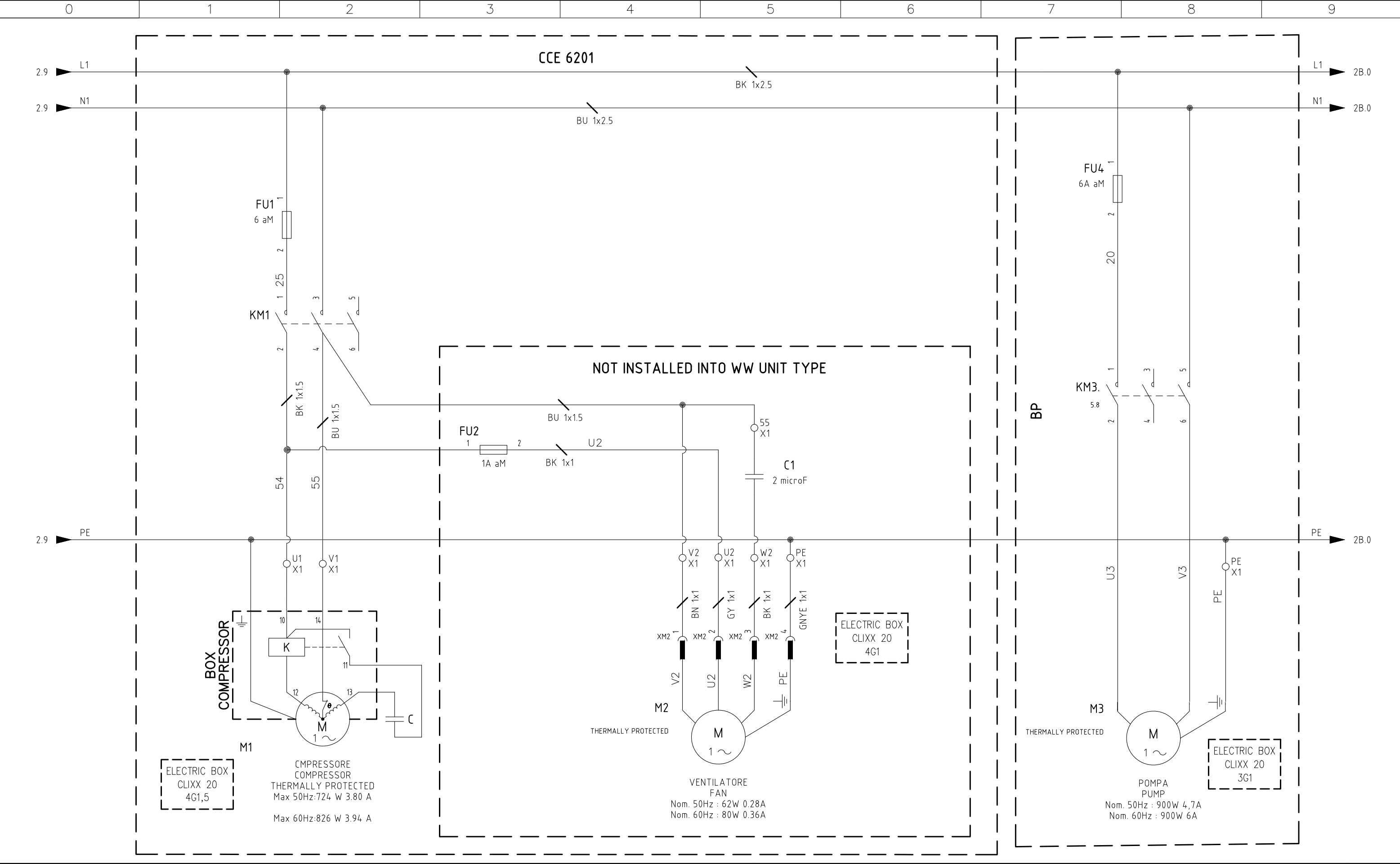
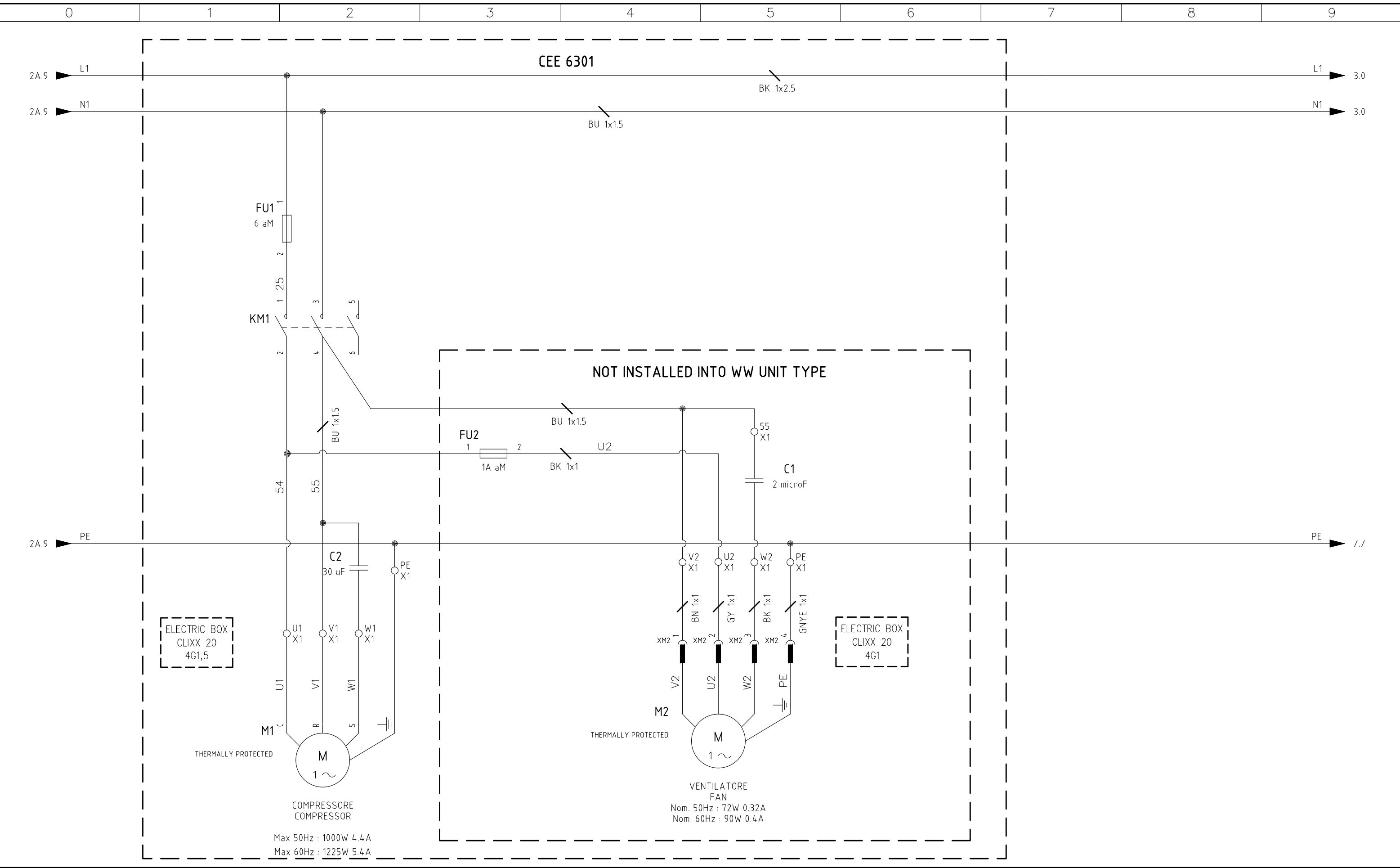




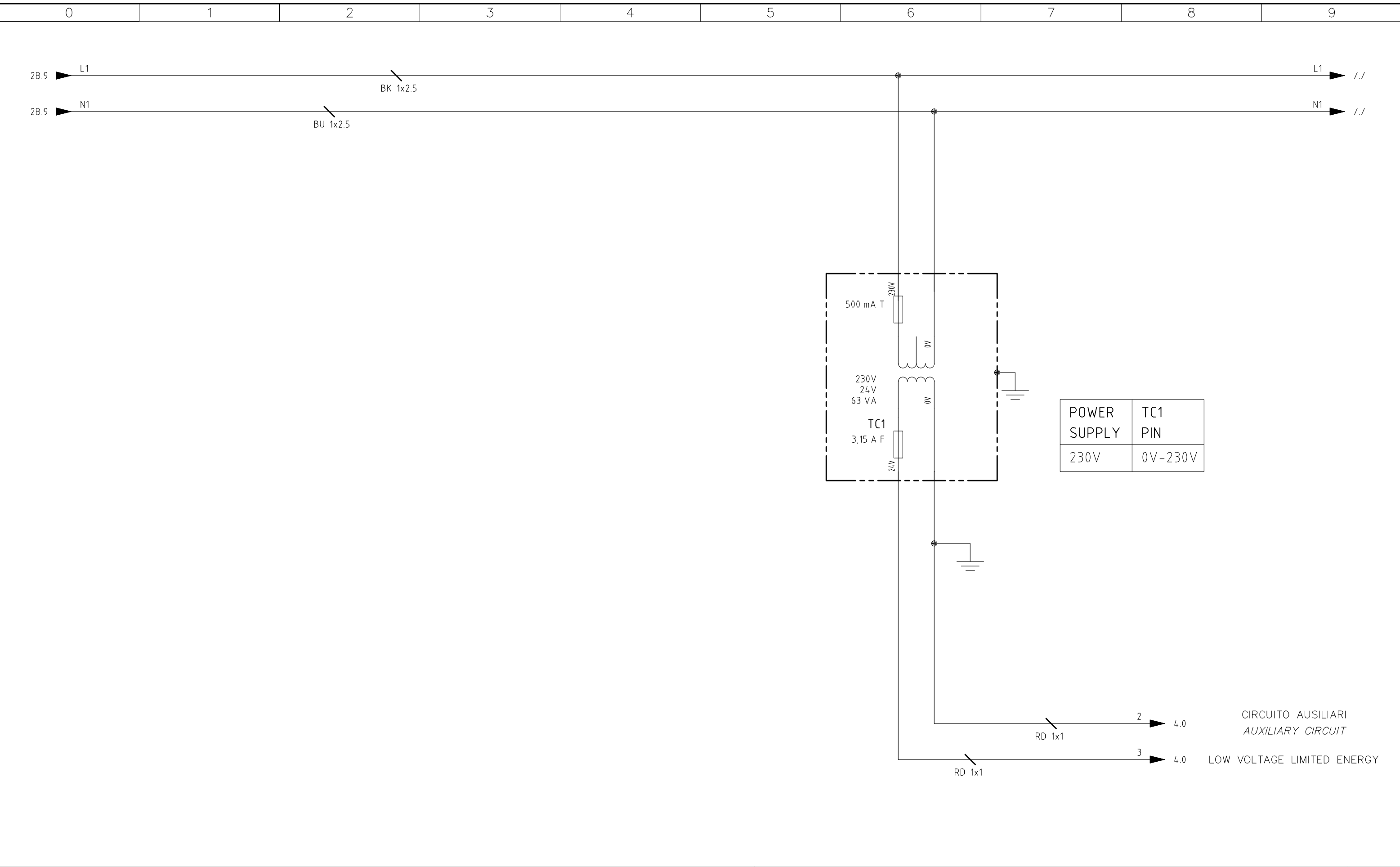
CHECK THE PRODUCT TECHNICAL DATASHEET FOR THE OPTIONS INSTALLED IN THE UNIT										OPTIONS									
CONFIGURATION B		FSE				P/BP			BT1 TYPE1	CP	BMS								
CONFIGURATION H	FS		EL			P/BP			BT1 TYPE1	CP	BMS		PWx (NOT INSTALLED FS)				SOV		
CONFIGURATION HS	FS		EL	EM	TMN/TMX	P/BP		RCU	BT1 TYPE2	CP	BMS			CF	WW	BC BT1 TYPE 3	TD SOV		
CONFIGURATION HSP	FS		EL	EM	TMN/TMX	P/BP	BPG	RCU	BT1 TYPE2	CP	BMS	BPG-P (NOT INSTALLED BPG)		CF	WW	BC BT1 TYPE 3	TD SOV		
CONFIGURATION VAR: OPTIONS AND ACCESSORIES INDICATED ON CHILLER DATASHEET/DESCRIPTION OF ORDERED E-BOX																			

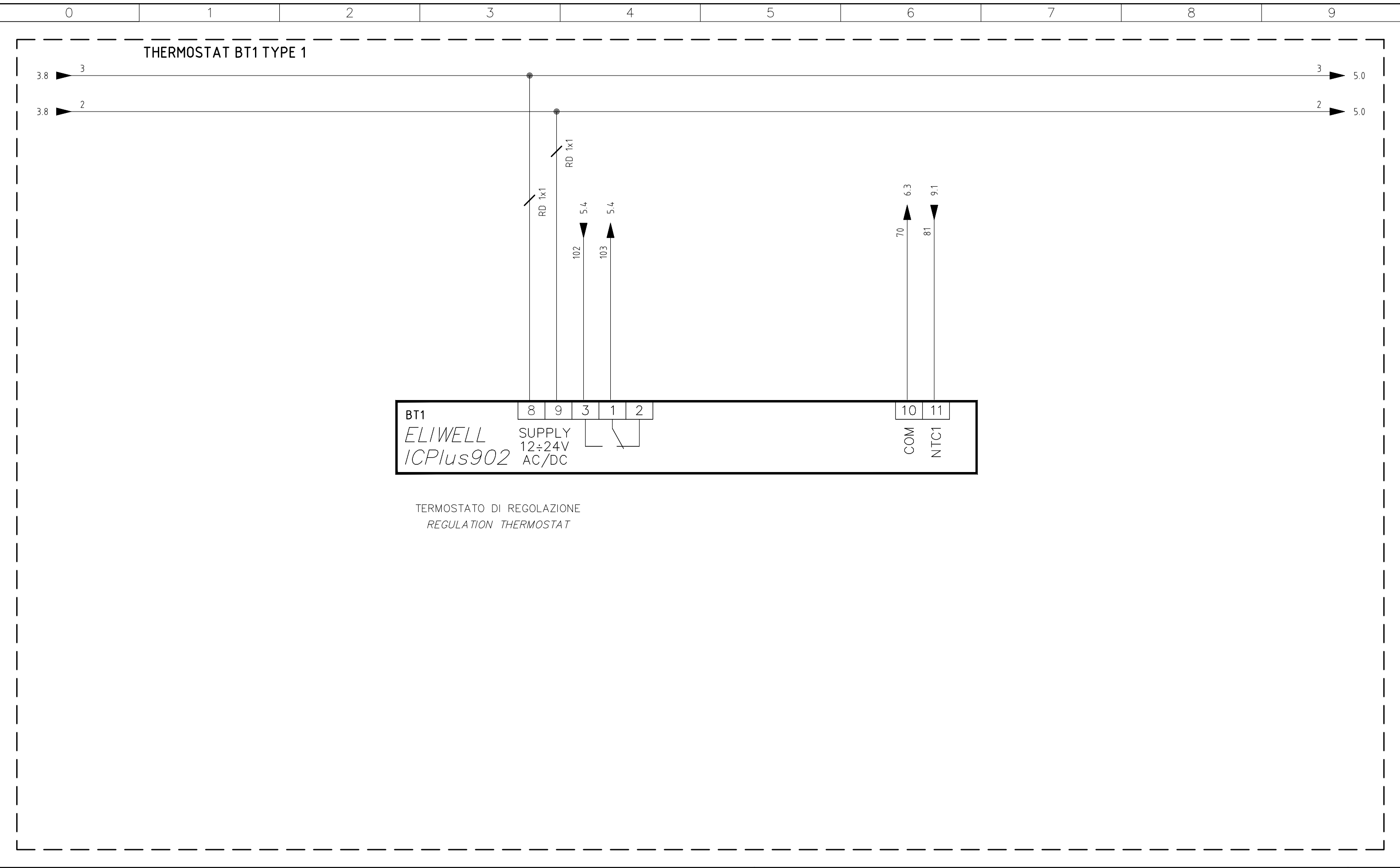


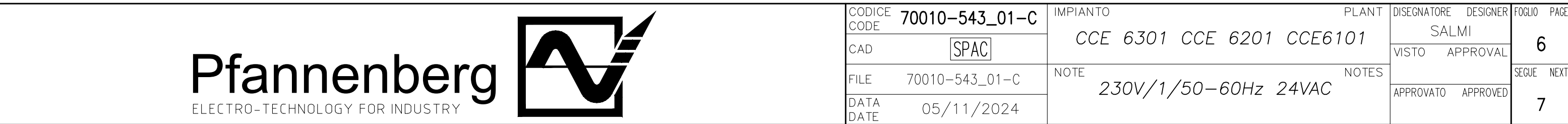
CODICE CODE 70010-543_01-C	CAD SPAC	IMPIANTO CCE 6301 CCE 6201 CCE6101	PLANT CCE 6301 CCE 6201 CCE6101	DISEGNATORE SALMI	DESIGNER SALMI	FOGLIO 2A
FILE 70010-543_01-C	DATA 05/11/2024	NOTE 230V/1/50-60Hz 24VAC	NOTES 230V/1/50-60Hz 24VAC	APPROVATO APPROVED	APPROVED APPROVED	SEGUE NEXT 2B



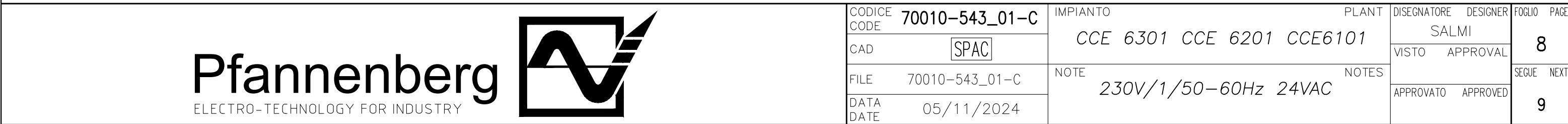
CODICE CODE	70010-543_01-C	IMPIANTO	PLANT	DISEGNATORE	DESIGNER	FOGLIO	PAGE
CAD	SPAC	CCE 6301 CCE 6201 CCE6101		VISTO	APPROVAL	2B	
FILE	70010-543_01-C	NOTE	NOTES	APPROVATO	APPROVED	3	
DATA DATE	05/11/2024						

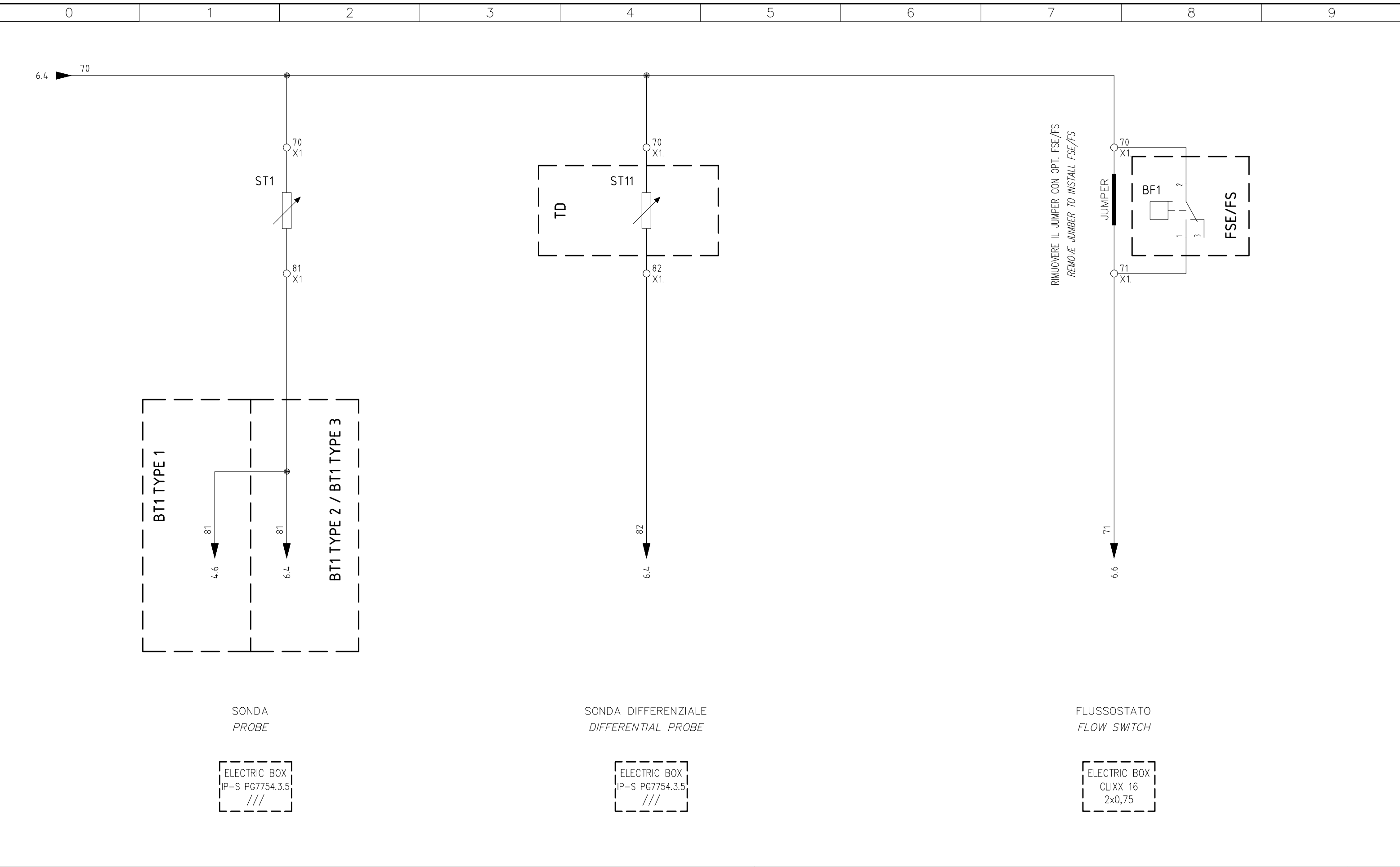




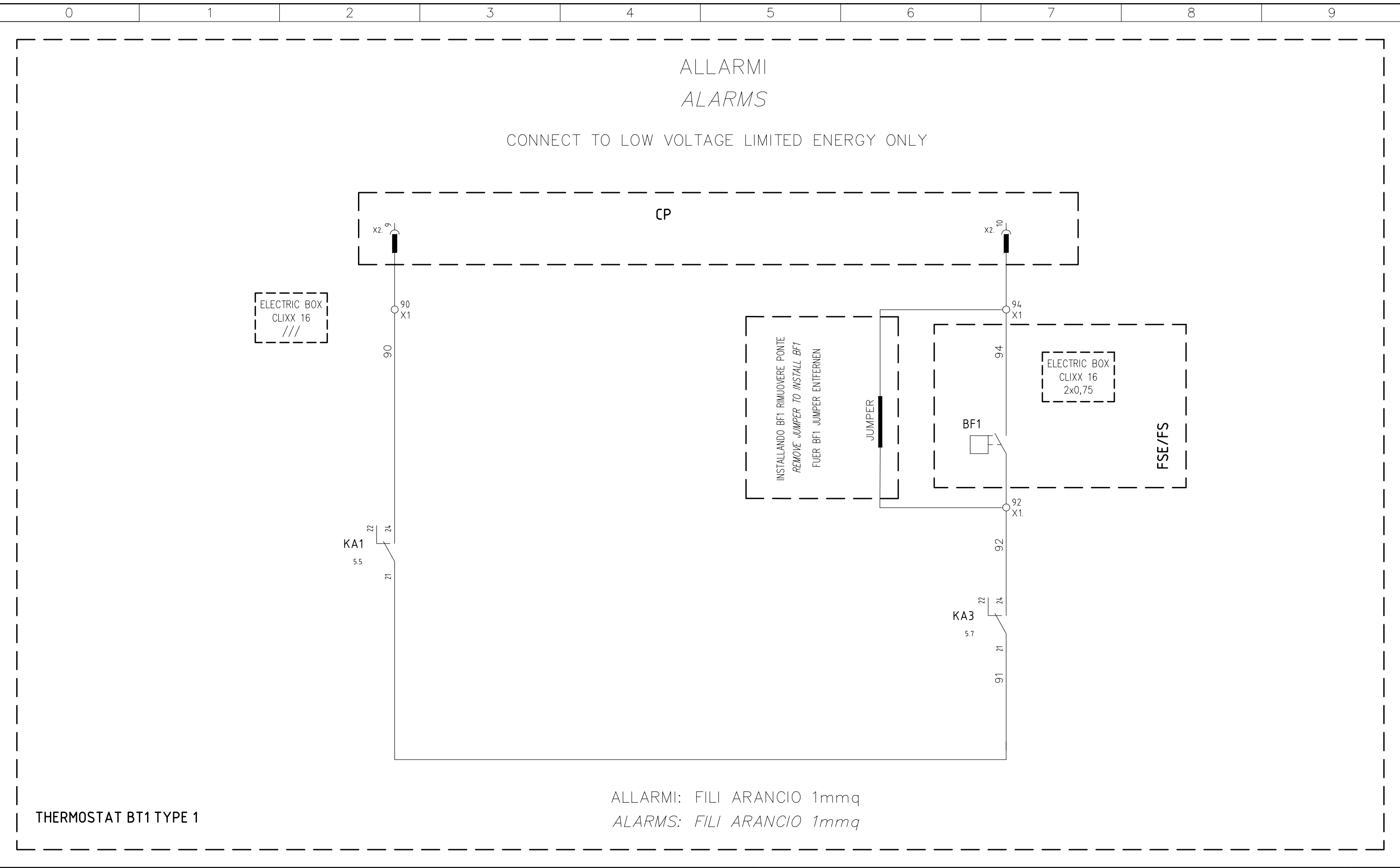


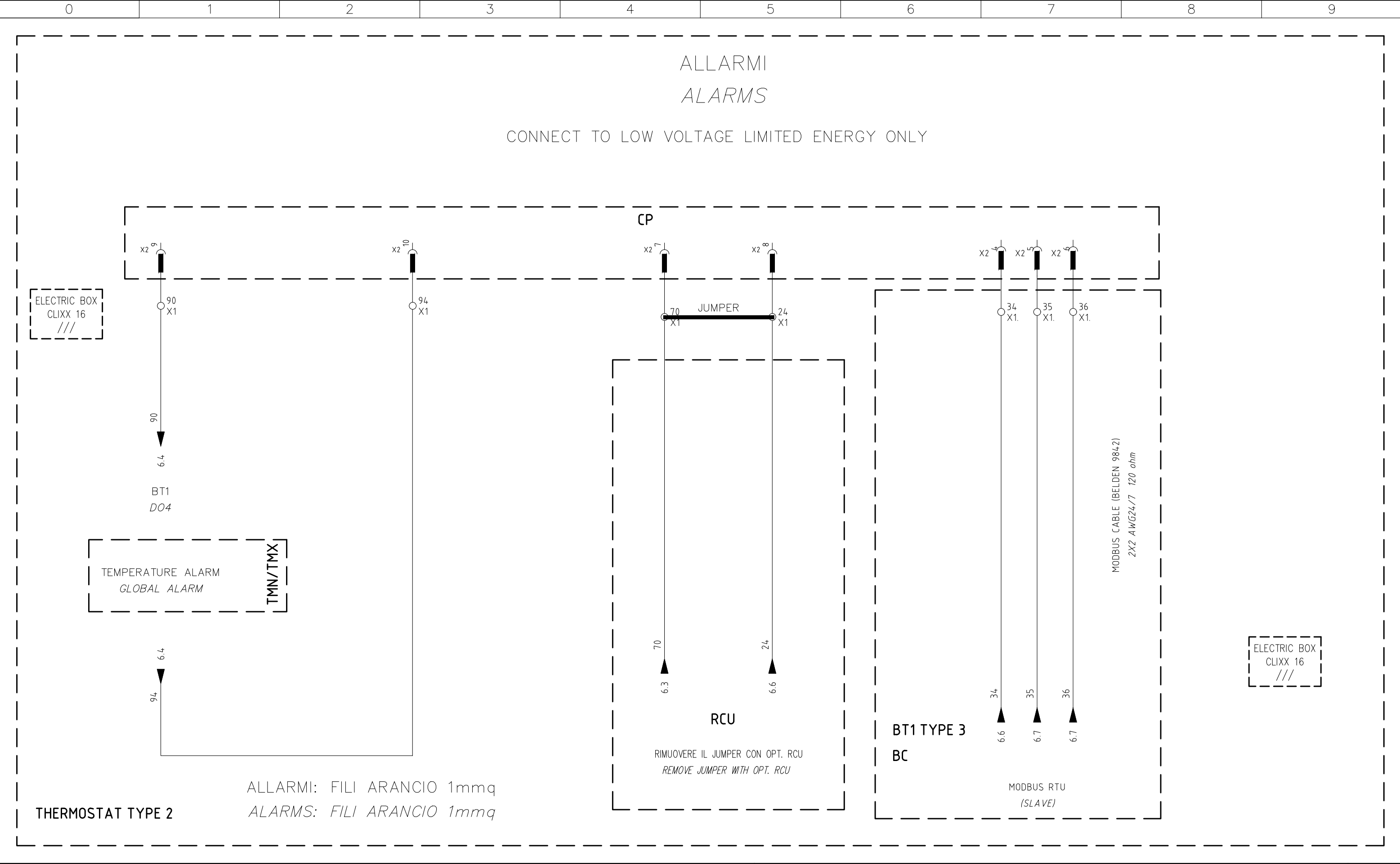






CODICE CODE	70010-543_01-C	IMPIANTO PLANT	CCE 6301 CCE 6201 CCE6101	DISEGNATORE DESIGNER	FOGLIO PAGE
CAD	SPAC	NOTE	230V/1/50-60Hz 24VAC	VISTO APPROVAL	9
FILE	70010-543_01-C			APPROVATO APPROVED	10
DATA DATE	05/11/2024				





TEMPERATURE ALARM
GLOBAL ALARM

TMN/TMX

ELECTRIC BOX
CLIXX 16
///

ELECTRIC BOX
CLIXX 16
///

THERMOSTAT TYPE 2

ALLARMI: FILI ARANCIO 1mmq
ALARMS: FILI ARANCIO 1mmq

MORSETTIERA

TERMINAL BOARD

X1

X1	2.5	○	○	L	1.6
X1	2.5	○		N	1.6
X1	2.5	●		PE	1.6
X1	2.5	●		PE	2.8
X1	2.5	●		PE	1.8
X1	2.5	●		PE	2B.5
X1	2.5	●		PE	2B.2
X1	2.5	○		U1	2B.2
X1	2.5	○		V1	2B.2
X1	2.5	○		W1	2B.2
X1	2.5	○		55	2B.5
X1	2.5	○		U2	2B.4
X1	2.5	○		V2	2B.5
X1	2.5	○		W2	2A.5
X1	2.5	○		W2	2B.5
X1	2.5	○		3	5.1
X1	2.5	○		3	7.6
X1	2.5	○		2	7.6
X1	2.5	○		14	8.8
X1	2.5	⊖		24	11.5
X1	2.5	⊖		70	9.2
X1	2.5	●		70	11.4
X1	2.5	●		70	8.8
X1	2.5	○		81	9.2
X1	2.5	○		83	8.9
X1	2.5	●		90	10.2
X1	2.5	●		90	11.1
X1	2.5	●		94	10.7
X1	2.5	●		94	11.2
X1	2.5	○		100	5.1
X1	2.5	○		101	5.1
X1	2.5	○		102	5.3

Utilizzare morsetto Blu

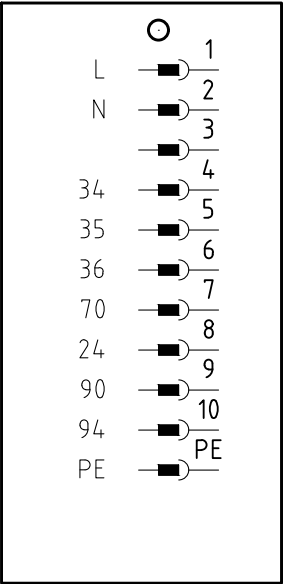
X1.	2.5	●	○	2	6.3
X1.	2.5	●		2	7.8
X1.	2.5	○		L2	5.7
X1.	2.5	●		3	6.2
X1.	2.5	●		3	7.2
X1.	2.5	○		4	7.2
X1.	2.5	○		14	8.8
X1.	2.5	○		15	7.8
X1.	2.5	○		34	11.7
X1.	2.5	○		35	11.7
X1.	2.5	○		36	11.7
X1.	2.5	●		70	9.4
X1.	2.5	●		70	8.4
X1.	2.5	●		70	8.2
X1.	2.5	●		70	8.5
X1.	2.5	●		70	9.7
X1.	2.5	●		71	8.4
X1.	2.5	●		71	9.7
X1.	2.5	○		82	9.4
X1.	2.5	○		83	8.8
X1.	2.5	○		84	8.5
X1.	2.5	○		85	8.2
X1.	2.5	○		92	10.7
X1.	2.5	○		104	5.7

Nota: lasciare liberi morsetti EV1 lato interno quadro

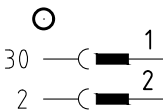
Nota: posizionare i morsetti di potenza nel centro del quadro

CONNETTORI UTENZE
USERS CONNECTING PLUGS
TYCO Universal MATE-N-LOK Connectors

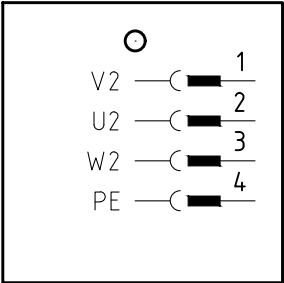
X2



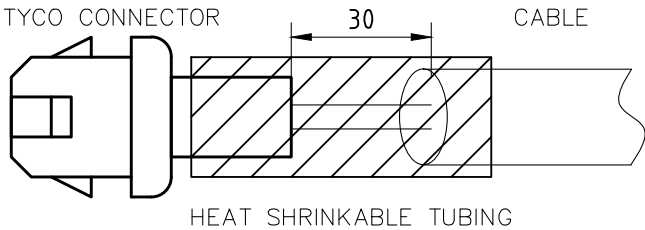
=BM - X5
CONNETTORE SOV



QG - XM2
FAN



WIRING



Code	Tipo/Type	Descrizione/Description	Costruttore/Marke	Pfannenber Code	Q.ta/Q.ty
XM2	1-480703-0	04P UMNL CAP HSG NATL	Tyco	725500247	1
	794274-1	WIRE SEAL 4 VIE	Tyco	725500249	1
	350550-1	CONTATTO FEMMINA SCIDLT0	Tyco	725500240	4



ELENCO CAVI
CABLES LIST

LUNGHEZZA DEI CAVI FUORI DAL QUADRO ELETTRICO
CABLES LENGHT OUTSIDE FROM E-BOX

OPZIONE CP
CP OPTION

UTENZA USER	TIPO DI CAVO CABLE TYPE	LUNGHEZZA LENGTH	FILI WIRES
X2	Guaina plastica, diametro 17mm (PMA LLPA-17A.50; FORNIRE RACCORDO PG 16) Plastic conduit, diameter 17mm (PMA LLPA-17A.50; PROVIDE CONDUIT FIT PG 16)	1.50m	
	Nr 1 filo ARANCIO 2.5mmq Nr 1 ORANGE wire 2.5mmq		L
	Nr 1 filo BLU 2.5mmq Nr 1 BLUE wire 2.5mmq		N
	Nr 2 fili ARANCIO 1mmq Nr 2 ORANGE wires 1mmq		90-94
	Nr 2 fili ARANCIO 1mmq Nr 2 ORANGE wires 1mmq		24-70
	Cavo 2x2 AWG24/7 Belden 9842 Cable 2x2 AWG24/7 Belden 9842		34-35-36
	Nr 1 filo GIALLO-VERDE 2.5mmq Nr 1 wire YELLOW-GREEN 2.5mmq		PE

ELENCO CAVI

CABLES LIST

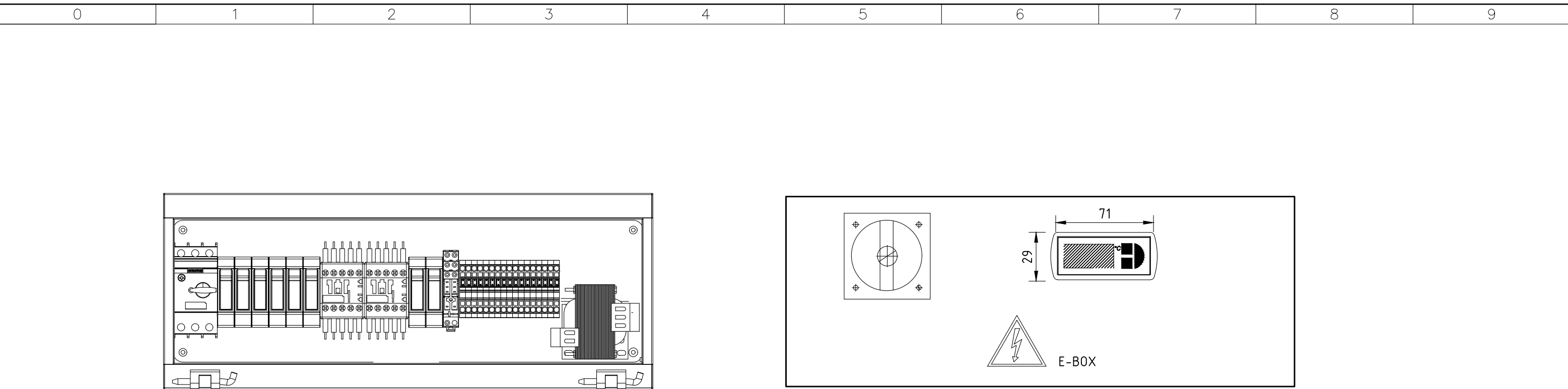
LUNGHEZZA DEI CAVI FUORI DAL QUADRO ELETTRICO

CABLES LENGHT OUTSIDE FROM E-BOX

UTENZA USER	TIPO DI CAVO CABLE TYPE	LUNGHEZZA LENGTH	FILI WIRES
M1	FROR 450/750V 4G1,5	1.50m	GREY 1: U1;0.05m;Female 90° / BROWN 2: V1;0.05m;Female 90° / BLACK 3; W1; 0.05m;Female 90 PE;250mm + THERMORETRACTABLE
M2	FROR 450/750V 4G1	0.80m	BROWN 1: V2 /GREY 2: U2 / BLACK 3: W2 / YELLOW-GREEN 4: PE
M3	FROR 450/750V 3G1	1.00m	BLUE 1: V3 / BROWN 2: U3
BP1	/ / /	/ / /	3 / 4
BT2	FROR 450/750V 2X0,75	1.00m	BROWN: 101 / BLUE: 102
BL1	///	1.00m	BROWN: 70 / BLUE: 84
BF1	///	1.00m	BROWN: 70 / BLUE: 71
EV1	///	1.00m	BROWN 1: 15 / BLU 2: 2
EV2	///	1.00m	BROWN 1: 42 / BLU 2: 2
PS1	///	1.20m	BROWN: 14 / GREEN: 14
ST1		1.50m	WHITE: 70 / BLACK: 81
ST2		1.50m	WHITE: 70 / BLACK: 85
ST3		1.50m	WHITE: 70 / BLACK: 76
ST11		5.00m	WHITE: 70 / BLACK: 82
EV3	///	2.00m	WHITE: 70 / BLACK: 82
PE	2,5 mmq YELLOW-GREEN	1.00m	FASTON RING TERMINAL M6

Nota: predisporre cablaggio C1 lunghezza fili 90 cm

Nota: predisporre cablaggio C2 lunghezza fili 90 cm



HOLES

IP-S PG754.3.5 -->13 Ø

CLIXX 16 --> 16,7 Ø

PG 11 --> 19 Ø

CLIXX 20 --> 20,7 Ø

PRESSACAVI
CABLE GLANDS

0	1	2	3	4	5	6	7	8	9																																																																																															
ELENCO MATERIALE MATERIALS LIST																																																																																																								
<table><tr><th>Nome/Item</th><th>Tipo/Type</th><th>Costruttore/Marke</th><th>Configuration</th><th>Fg/Sh</th></tr><tr><td>BT1</td><td>ICPlus902-ICP11D0450000 GU000000</td><td>ELIWELL ELIWELL</td><td>TERMOSTAT TYPE 1 TERMOSTAT TYPE 1</td><td>4</td></tr><tr><td>BT1.</td><td>SMP5500-SMP55000000400 COLV0000E0150 SMP5500/C/S-SMP5500050400 COLV000035150 GU000000</td><td>ELIWELL ELIWELL ELIWELL ELIWELL ELIWELL</td><td>THERMOSTAT TYPE 2 THERMOSTAT TYPE 3 BC</td><td>6</td></tr><tr><td>FU1</td><td>PS10-S/QD13801/31110</td><td>WIMEX Omega Whoner</td><td></td><td>5</td></tr><tr><td>FU2</td><td>PS10-S/QD13801/31110</td><td>WIMEX Omega Whoner</td><td></td><td>2</td></tr><tr><td>FU4</td><td>PS10-S/QD13801/31110</td><td>WIMEX Omega Whoner</td><td></td><td>2</td></tr><tr><td>KA1</td><td>405280240000/2903333 9575SMA</td><td>Finder/Phoenix Finder</td><td>TERMOSTAT TYPE 1</td><td>2 5</td></tr><tr><td>KA2</td><td>405280240000/2903333 9575SMA</td><td>Finder/Phoenix Finder</td><td>TERMOSTAT TYPE 2 OR TYPE 3</td><td>5</td></tr><tr><td>KA3</td><td>405280240000/2903333 9575SMA</td><td>Finder/Phoenix Finder</td><td>TERMOSTAT TYPE 1</td><td>5</td></tr><tr><td>KA5</td><td>384170128240</td><td>Finder</td><td>BPG-P</td><td>7</td></tr><tr><td>KM1</td><td>3RT20151AB01</td><td>Siemens</td><td></td><td>7</td></tr><tr><td>KM3 or KM3.</td><td>3RT20151AB01+ (3RH2911-1BA10 included with sov option)</td><td>Siemens</td><td></td><td>7</td></tr><tr><td>QS1</td><td>3LD20030TK53</td><td>Siemens</td><td></td><td>1</td></tr><tr><td>QS1</td><td>3LD20030TK51</td><td>Siemens</td><td>BMS</td><td>1</td></tr><tr><td>ST1</td><td>SN8DNB11502A0</td><td>Eliwell</td><td></td><td>9</td></tr><tr><td>ST2</td><td>SN8DNB11502A0</td><td>Eliwell</td><td></td><td>9</td></tr><tr><td>ST11</td><td>SN8T6H5002 (not provided)</td><td>Eliwell</td><td></td><td>9</td></tr><tr><td>TC1</td><td>OMX02503502684</td><td>Italweber</td><td>THERMOSTAT TYPE 2 OR TYPE 3</td><td>3</td></tr><tr><td>X1</td><td>2002-1207 / 2002-1407 / PT 2,5-PE 2002-1201 / 2002-1204 / PT 2,5 QUATTRO-PE 2002-1291 / ATP-ST 4 / PT 2,5 BU 870-501 / PTTB 2,5 / PTTBS 2,5</td><td>Wago/Phoneix</td><td></td><td>12</td></tr></table>										Nome/Item	Tipo/Type	Costruttore/Marke	Configuration	Fg/Sh	BT1	ICPlus902-ICP11D0450000 GU000000	ELIWELL ELIWELL	TERMOSTAT TYPE 1 TERMOSTAT TYPE 1	4	BT1.	SMP5500-SMP55000000400 COLV0000E0150 SMP5500/C/S-SMP5500050400 COLV000035150 GU000000	ELIWELL ELIWELL ELIWELL ELIWELL ELIWELL	THERMOSTAT TYPE 2 THERMOSTAT TYPE 3 BC	6	FU1	PS10-S/QD13801/31110	WIMEX Omega Whoner		5	FU2	PS10-S/QD13801/31110	WIMEX Omega Whoner		2	FU4	PS10-S/QD13801/31110	WIMEX Omega Whoner		2	KA1	405280240000/2903333 9575SMA	Finder/Phoenix Finder	TERMOSTAT TYPE 1	2 5	KA2	405280240000/2903333 9575SMA	Finder/Phoenix Finder	TERMOSTAT TYPE 2 OR TYPE 3	5	KA3	405280240000/2903333 9575SMA	Finder/Phoenix Finder	TERMOSTAT TYPE 1	5	KA5	384170128240	Finder	BPG-P	7	KM1	3RT20151AB01	Siemens		7	KM3 or KM3.	3RT20151AB01+ (3RH2911-1BA10 included with sov option)	Siemens		7	QS1	3LD20030TK53	Siemens		1	QS1	3LD20030TK51	Siemens	BMS	1	ST1	SN8DNB11502A0	Eliwell		9	ST2	SN8DNB11502A0	Eliwell		9	ST11	SN8T6H5002 (not provided)	Eliwell		9	TC1	OMX02503502684	Italweber	THERMOSTAT TYPE 2 OR TYPE 3	3	X1	2002-1207 / 2002-1407 / PT 2,5-PE 2002-1201 / 2002-1204 / PT 2,5 QUATTRO-PE 2002-1291 / ATP-ST 4 / PT 2,5 BU 870-501 / PTTB 2,5 / PTTBS 2,5	Wago/Phoneix		12
Nome/Item	Tipo/Type	Costruttore/Marke	Configuration	Fg/Sh																																																																																																				
BT1	ICPlus902-ICP11D0450000 GU000000	ELIWELL ELIWELL	TERMOSTAT TYPE 1 TERMOSTAT TYPE 1	4																																																																																																				
BT1.	SMP5500-SMP55000000400 COLV0000E0150 SMP5500/C/S-SMP5500050400 COLV000035150 GU000000	ELIWELL ELIWELL ELIWELL ELIWELL ELIWELL	THERMOSTAT TYPE 2 THERMOSTAT TYPE 3 BC	6																																																																																																				
FU1	PS10-S/QD13801/31110	WIMEX Omega Whoner		5																																																																																																				
FU2	PS10-S/QD13801/31110	WIMEX Omega Whoner		2																																																																																																				
FU4	PS10-S/QD13801/31110	WIMEX Omega Whoner		2																																																																																																				
KA1	405280240000/2903333 9575SMA	Finder/Phoenix Finder	TERMOSTAT TYPE 1	2 5																																																																																																				
KA2	405280240000/2903333 9575SMA	Finder/Phoenix Finder	TERMOSTAT TYPE 2 OR TYPE 3	5																																																																																																				
KA3	405280240000/2903333 9575SMA	Finder/Phoenix Finder	TERMOSTAT TYPE 1	5																																																																																																				
KA5	384170128240	Finder	BPG-P	7																																																																																																				
KM1	3RT20151AB01	Siemens		7																																																																																																				
KM3 or KM3.	3RT20151AB01+ (3RH2911-1BA10 included with sov option)	Siemens		7																																																																																																				
QS1	3LD20030TK53	Siemens		1																																																																																																				
QS1	3LD20030TK51	Siemens	BMS	1																																																																																																				
ST1	SN8DNB11502A0	Eliwell		9																																																																																																				
ST2	SN8DNB11502A0	Eliwell		9																																																																																																				
ST11	SN8T6H5002 (not provided)	Eliwell		9																																																																																																				
TC1	OMX02503502684	Italweber	THERMOSTAT TYPE 2 OR TYPE 3	3																																																																																																				
X1	2002-1207 / 2002-1407 / PT 2,5-PE 2002-1201 / 2002-1204 / PT 2,5 QUATTRO-PE 2002-1291 / ATP-ST 4 / PT 2,5 BU 870-501 / PTTB 2,5 / PTTBS 2,5	Wago/Phoneix		12																																																																																																				
Pfannenberger ELECTRO-TECHNOLOGY FOR INDUSTRY					CODICE CODE 70010-543_01-C		IMPIANTO PLANT		DISEGNATORE DESIGNER		FOGLIO PAGE																																																																																													
					CAD SPAC		CCE 6301 CCE 6201 CCE6101		SALMI		17																																																																																													
					FILE 70010-543_01-C		NOTE		VISTO APPROVAL		SEQUE NEXT																																																																																													
					DATA DATE 05/11/2024		230V/1/50-60Hz 24VAC		APPROVATO APPROVED		18																																																																																													
RIPRODUZIONE E DIVULGAZIONE VIETATA DALLA LEGGE SENZA AUTORIZZAZIONE SCRITTA - COPY AND DISTRIBUTION WITHOUT WRITTEN LICENSE IS FORBIDDEN BY LAW																																																																																																								

0	1	2	3	4	5	6	7	8	9
ELENCO MATERIALE MATERIALS LIST									
⊙									
ELECTRIC BOX									
Tipo/Type		Code			Costruttore/Marke			Fg/Sh	
E-BOX DRAWINGS		70044-647 70044-648 70044-649 70044-650			Pfannenberg				
CABLE GLANDS		IP-S PG754.3.5/CLIXX 16 PG 11/CLIXX 20 LLPA-17A BVND-M20207GT e BVND-P167GT-8			ELEKTROZUBEHÖR/WISKA LAPP/WISKA PMA PMA			14	
T1-EN 02578 00702		WIRING DUCT DUCT COVER			Bocchiotti Bocchiotti				

