



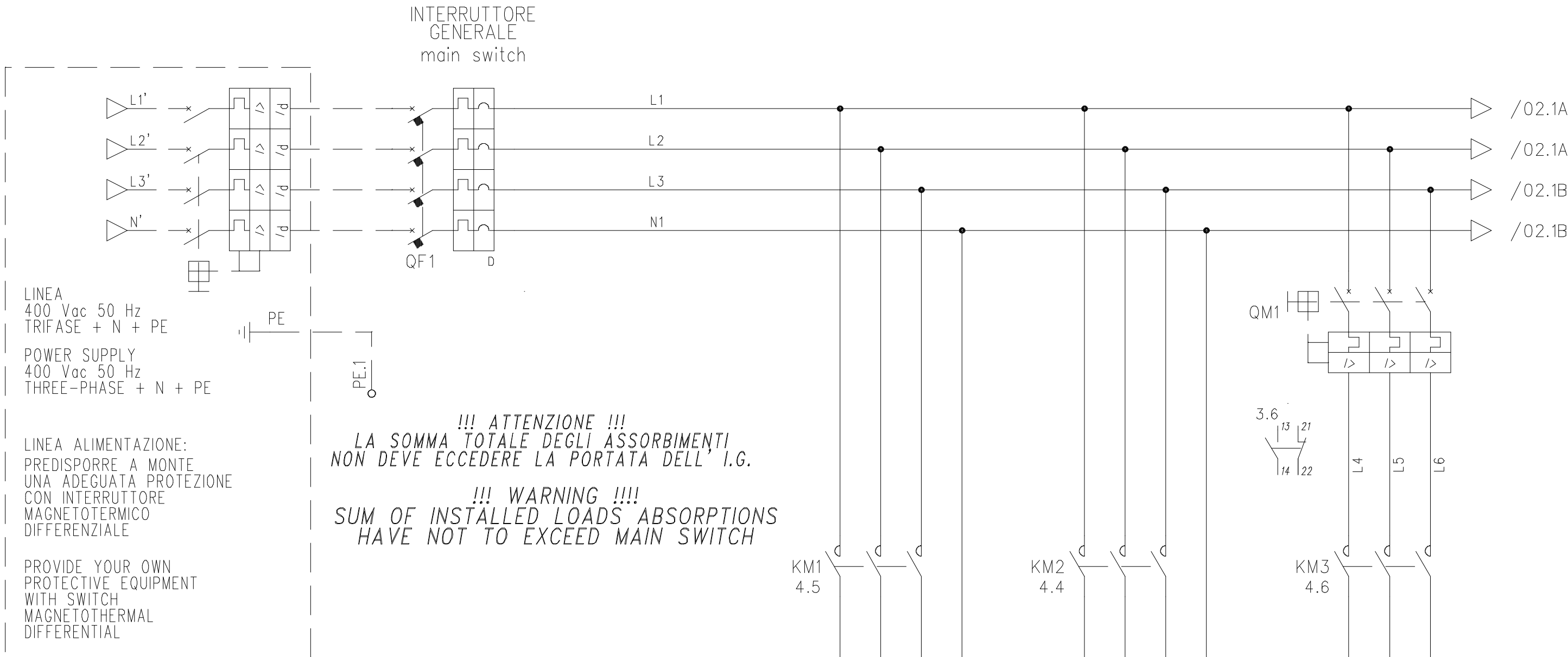
ECP300 EXPERT VD 7

DESIGN				MAIN VOLTAGE 400 Vac 3F+N 50 Hz		STANDARDS CEI 44-6		PROTECTION					
SERIES				CONTROLS VOLTAGE 230 Vac		+ =							
JOB ORDER ECP300 EXPERT VD 7				SIGNALS VOLTAGE 230 Vac									
CUSTOMER QUADRO DI SERIE						ECP300 EXPERT VD 7							
DESIGNED BY CAD/CAE SYSTEM Ver. 29.00													
													
				SIGNATURE									
				DRAWN BY Simone									
				VERIFIED BY Luigi									
				APPROVED BY Alessandro									
						QUADRO DI SERIE			SHEET 0				
00	EMISSIONE	20/10/2025	Simone						T.S. 13				
REV.	REVISION DESCRIPTION		DATE	DESIGNER									

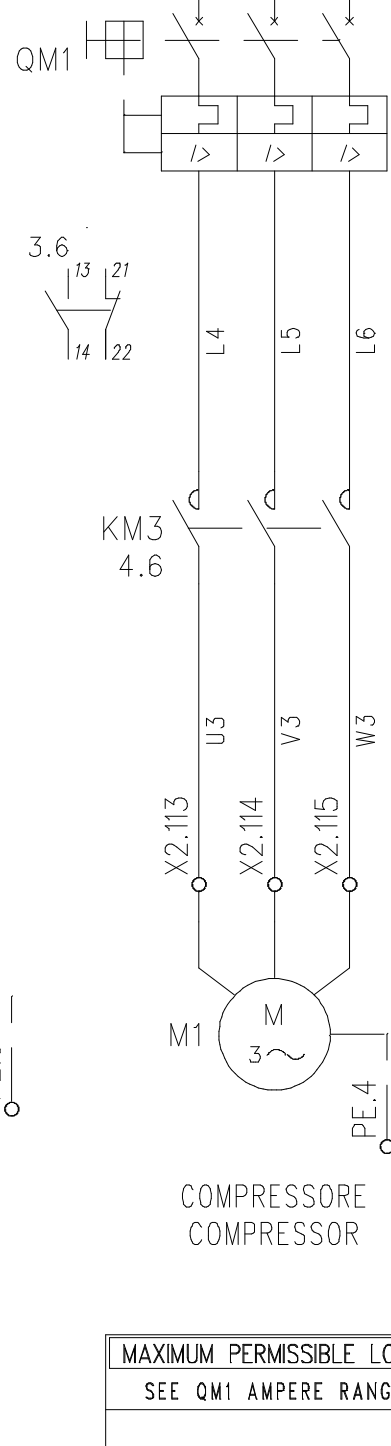
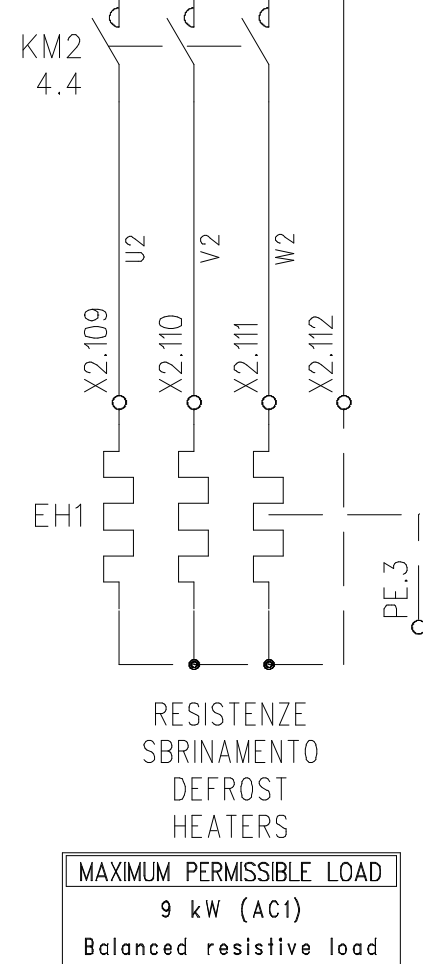
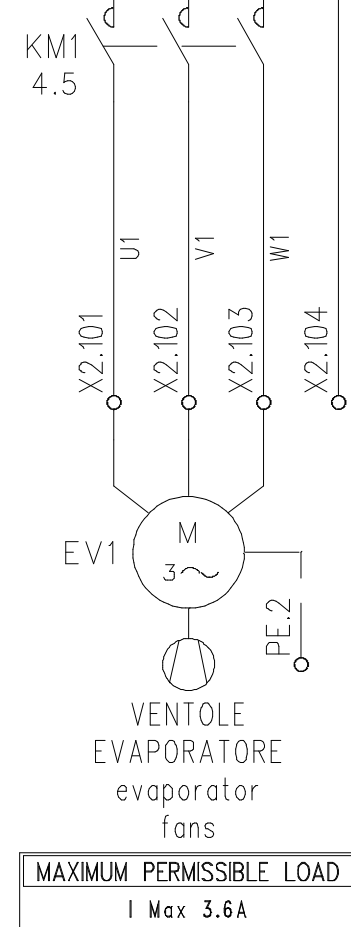
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FILE NAME:
111300EVD7.sch



COMPONENTI VARIABILI - VARIABLE COMPONENTS				
PEGO ELECTRICAL PANEL	Article QF1	CURRENT RANGE QF1	Article QM1	CURRENT RANGE QM1
111300EVD701	FAZ-D25/4 (279086)	25A	PKZM0-10 (072739)	6,3-10A
111300EVD702	FAZ-D25/4 (279086)	25A	PKZM0-12 (278486)	8-12A
111300EVD703	FAZ-D25/4 (279086)	25A	PKZM0-16 (046938)	10-16A
111300EVD704	FAZ-D25/4 (279086)	25A	PKZM0-20 (046988)	16-20A
111300EVD705	FAZ-D40/4 (279088)	40A	PKZM0-25 (046989)	20-25A
111300EVD706	FAZ-D40/4 (279088)	40A	PKZM0-32 (278489)	25-32A



A

B

C

D

E

F

A

B

C

D

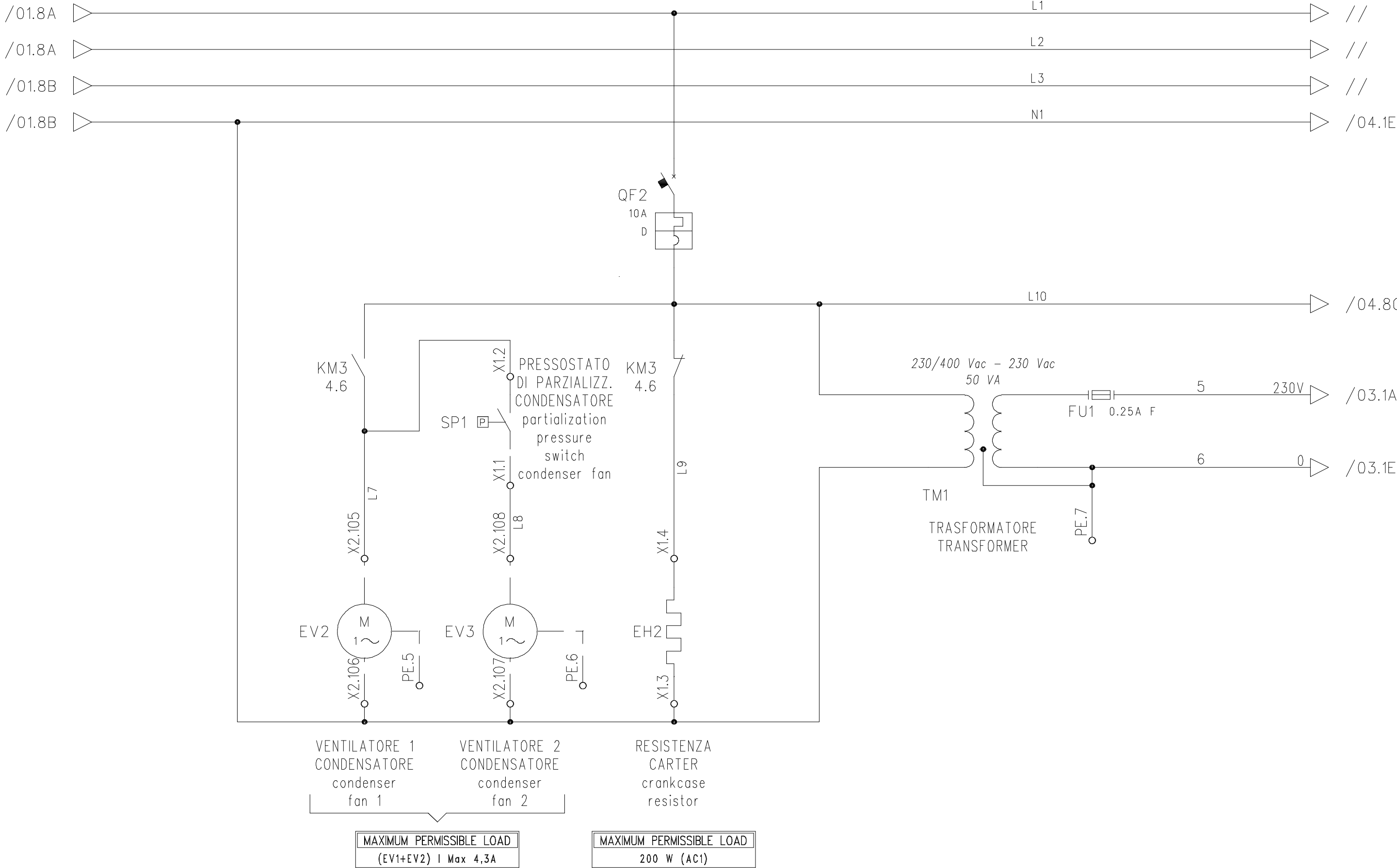
E

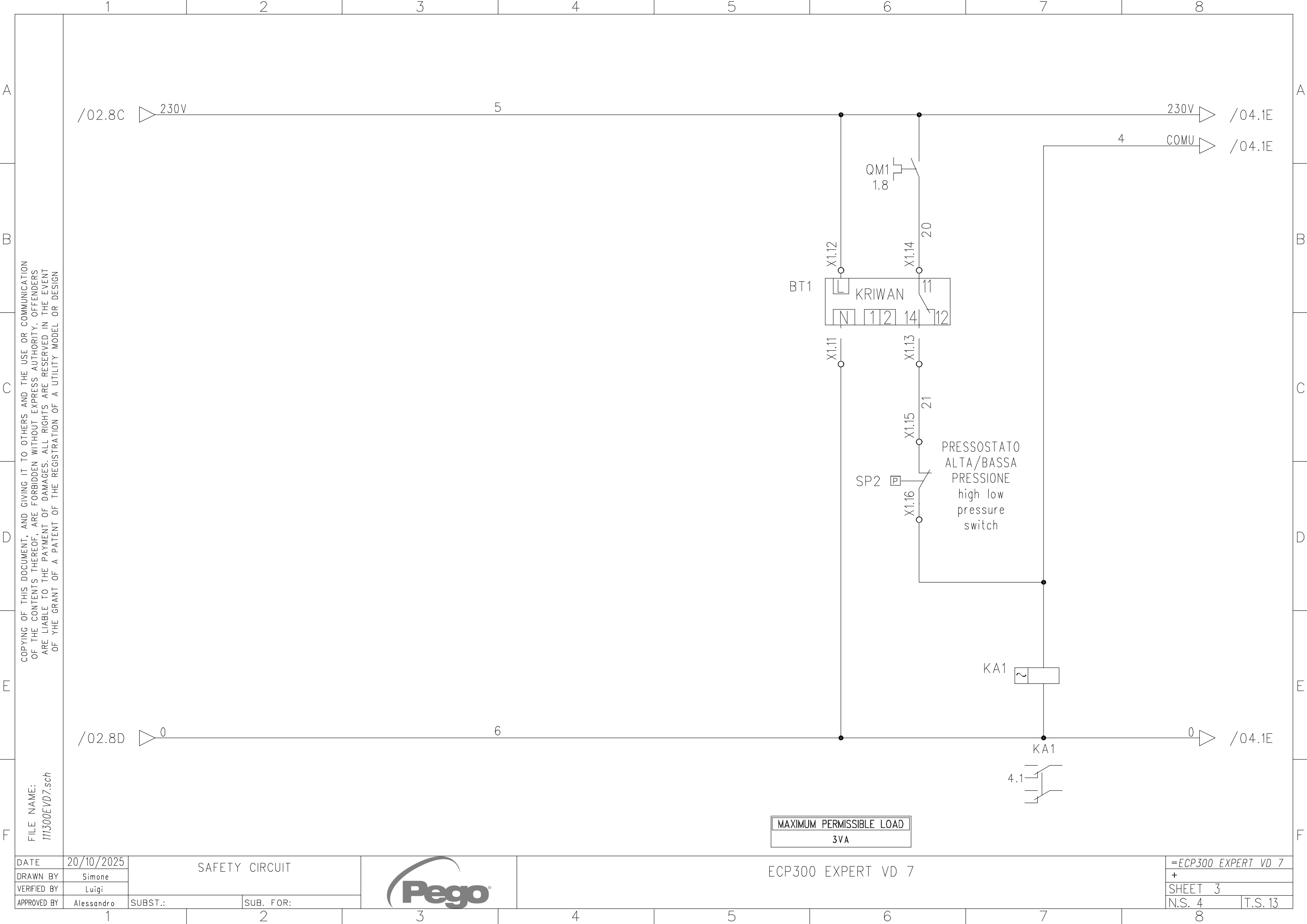
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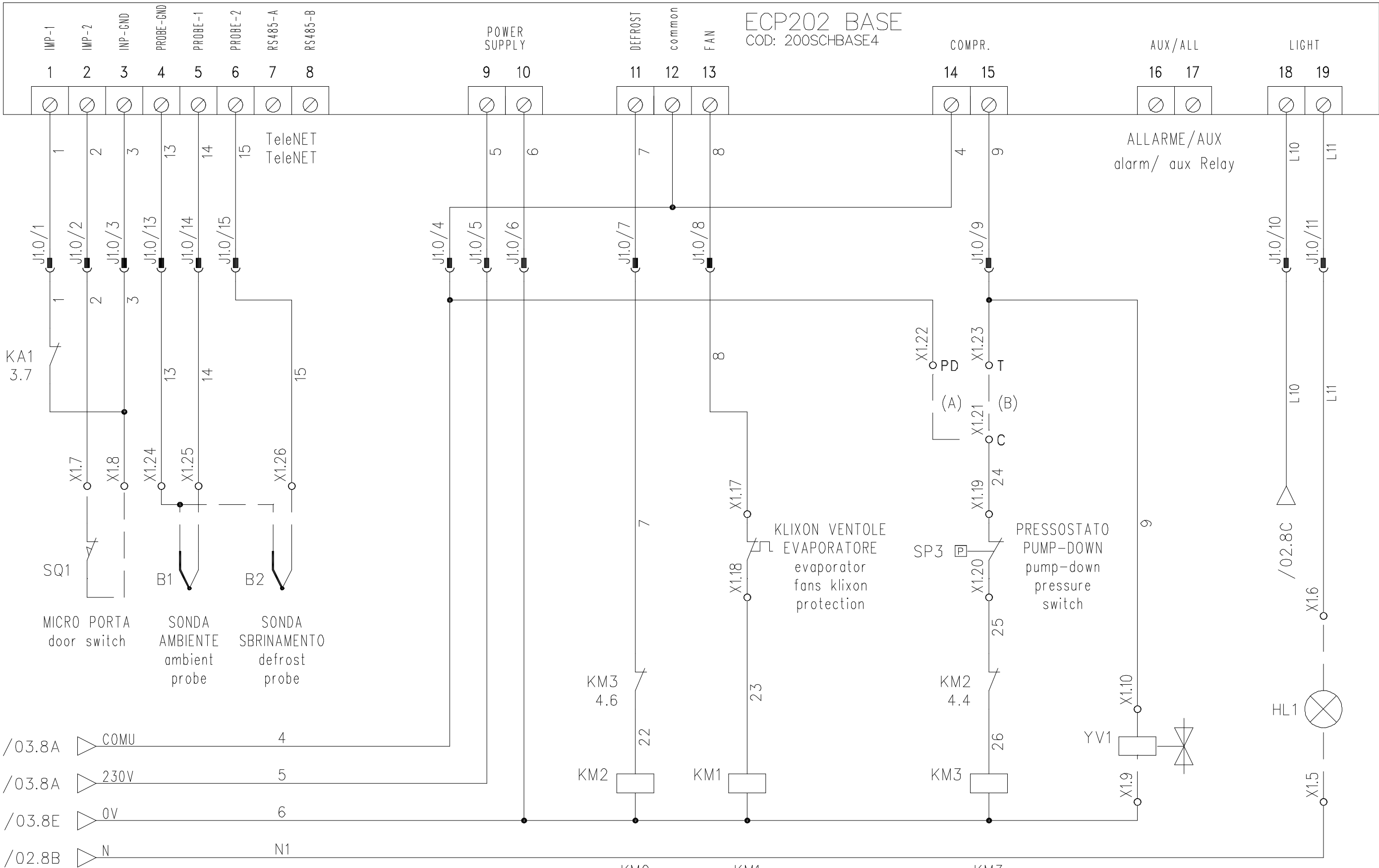
DATE	20/10/2025	VARIOUS POWER SUPPLIES			ECP300 EXPERT VD 7		=ECP300 EXPERT VD 7	
DRAWN BY	Simone						+	
VERIFIED BY	Luigi						SHEET 2	
APPROVED BY	Alessandro	SUBST.:	SUB. FOR:				N.S. 3	T.S.13





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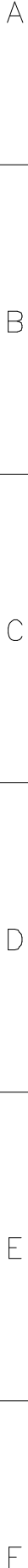
SELEZIONE FUNZIONAMENTO:
functioning mode selection

PONTE (A): FUNZIONAMENTO CON PUMP-DOWN
jump (A): pump-down mode selection

PONTE (B): FUNZIONAMENTO CON TERMOSTATO
jump (A): thermostat mode selection

A
B
C
D
E
F

F



PEGO ABS ELECTRICAL BOX (400x300Hx135 mm)

A

B

C

D

E

F

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FILE NAME:
11300EVD7.sch

COMPONENTE DESIGNATION	CODICE COSTRUTTORE MANUFACTURER CODE	CODICE ARTICOLO PRIMARY CODE	COSTRUTTORE MANUFACTURER	DESCRIZIONE ARTICOLO ITEM DESCRIPTION	PAGINA PAGE	RIF. REF.
KA1	40.52.8.230.0000	REL4052	FINDER	MINI RELÈ 2 CONTATTI IN SCAMBIO 230Vac 8A MINIRELAY FINDER 230Vac 2 CONTACTS 8A	3	7
1	95.75	ZOC9575	FINDER	ZOCCOLO RELÈ PER SERIE 40.52 SOCKET RELAY 40.52 SERIES		
KM1	DILM9-10 230V50/60Hz	CONDILM9-10 230V	EATON	CONTATTORE 4kW 1NA 230V 50/60HZ CONTACTOR 4kW 1NO 230V 50/60HZ	4	5
KM2	DILM9-01 230V50/60Hz	CONDILM9-01 230V	EATON	CONTATTORE 4kW 1NC 230V 50/60HZ CONTACTOR 4kW 1NC 230V 50/60HZ	4	4
KM3	DILM32-01 230V50/60Hz	CONDILM32-01 230V	EATON	CONTATTORE 15kW 1NC 230V 50/60HZ CONTACTOR 15kW 1NC 230V 50/60HZ	4	6
KM3 (#1)	DILM32-XHI11-S	CAUDILM32-XHI11-S=SX	EATON	CONTATTI LATERALI 1NO+1NC PER DILM17.38 ADDITIONAL CONTACTS LATERAL 1NO+1NC FOR DILM17.38	4	6
PE	3210596	MORPTTB2.5-PE	PHOENIX-CONTACT	MORSETTO DOPPIO PTTB 2.5-PE PUSH-IN CLAMP DOUBLE PTTB 2.5-PE PUSH-IN	PE-001	3
PE (#1)	3211634	MORD-PTTB2.5	PHOENIX-CONTACT	PARETINA PER MORSETTO DOPPIO PTTB 2.5 PUSH-IN END COVER FOR DOUBLE-LEVEL SPRING-CAGE TERMINAL BLOCK PTTB 2.5 PUSH-IN	PE-001	3
PE/1	3211822	MORPT6-PE	PHOENIX-CONTACT	MORSETTO PT 6-PE PUSH-IN CLAMP PT 6-PE PUSH-IN	PE-001	4
PE/1 (#1)	3022276	MORCLIP35-5	PHOENIX-CONTACT	BLOCCAMORSETTO CLAMP END CLAMP - CLIPFIX35-5	PE-001	4
PE/1 (#2)	3212044	MORD-PT6	PHOENIX-CONTACT	PARETINA PER MORSETTO PT 6 PUSH-IN END COVER FOR SPRING-CAGE TERMINAL BLOCK PT 6 PUSH-IN	PE-001	4
QF1	FAZ-Dxx/4	MTEFAZ-Dxx/4	EATON	VEDI TABELLA COMPONENTI VARIABILI AL FOGLIO 1 SEE TABLE OF VARIABLE COMPONENTS IN SHEET 1	1	3
QF2	FAZ-D10/1	MTEFAZ-D10/1	EATON	INTERRUTTORE MAGNETOTERMICO 10A D 1 POLO CIRCUIT BREAKER 10A D 1 POLE	2	4
QM1	PKZM0-x	RELPKZM0-x	EATON	VEDI TABELLA COMPONENTI VARIABILI AL FOGLIO 1 SEE TABLE OF VARIABLE COMPONENTS IN SHEET 1	1	7
QM1 (#1)	NHI11-PKZ0	CAUNHI11-PKZ0	EATON	CONTATTI FRONTALI 1NO+1NC PER PKZM0 ADDITIONAL FRONTAL CONTACTS 1NO+1NC FOR PKZM0	1	7
TM1	TRA50	TRA50	TECNOCABLAGGI	TRASFORMATORE 50VA I° 230-400V - II° 230V TRANSFORMER 50VA I° 230-400V - II° 230V	2	6
X1/2	3210567	MORPTTB2.5	PHOENIX-CONTACT	MORSETTO DOPPIO PTTB 2.5 PUSH-IN CLAMP DOUBLE PTTB 2.5 PUSH-IN	X1-001	7
X2/1	3211813	MORPT6	PHOENIX-CONTACT	MORSETTO PT 6 PUSH-IN CLAMP PT 6 PUSH-IN	X2-001	4
X2/2	3211757	MORPT4	PHOENIX-CONTACT	MORSETTO PT 4 PUSH-IN CLAMP PT 4 PUSH-IN	X2-001	3

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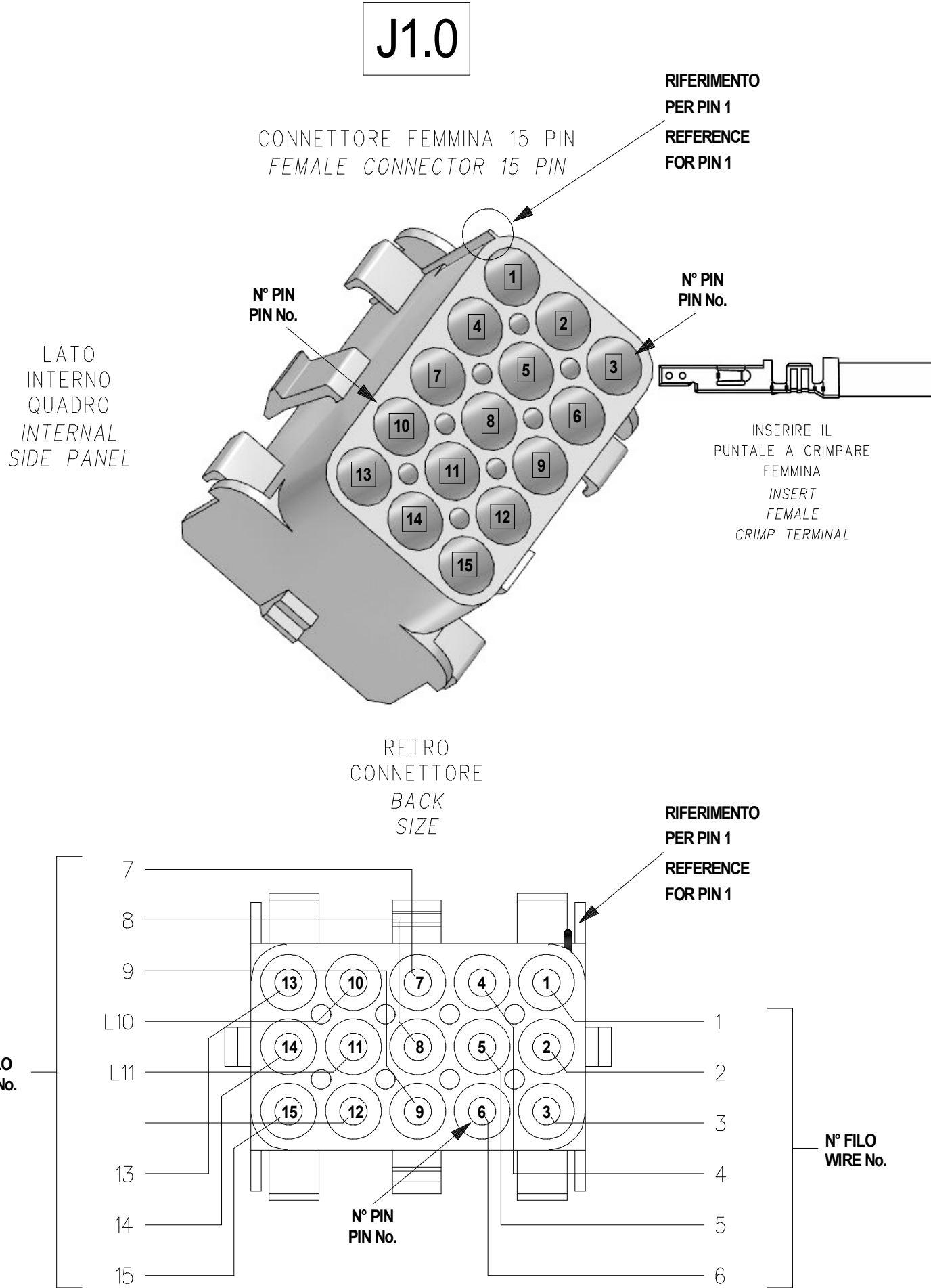
FILE NAME:
111300EVD7.sch

DATE	20/10/2025	RIEPILOGO CONNETTORE AMP 15 PIN FEMMINA	
DRAWN BY	Simone		
VERIFIED BY	Luigi		
APPROVED BY	Alessandro	SUBST.:	SUB. FOR:



ECP300 EXPERT VD 7

=ECP300 EXPERT VD 7
+
SHEET J1-001
N.S. PE-001 T.S.13



CONNETTORE AMP FEMMINA 15 PIN 15 PIN FEMALE AMP CONNECTOR			
PIN No. PIN No.	Num. FILO WIRE No.	DESCRIZIONE DESCRIPTION	Pag./Rif. Page/Ref.
↓ PIN 1	1	SICUREZZE COMPRESSORE COMPRESSOR SAFETY DEVICES	4.1
↓ PIN 2	2	MICRO PORTA DOOR SWITCH	4.1
↓ PIN 3	3	COMUNE INGRESSI DIGITALI DIGITAL INPUT COMMON	4.1
↓ PIN 4	4	COMUNE COMPRESSORE COMPRESSOR COMMON	4.3
↓ PIN 5	5	ALIMENTAZIONE CONTROLLO 230Vac CONTROL UNIT POWER SUPPLY 230Vac	4.3
↓ PIN 6	6	ALIMENTAZIONE CONTROLLO 0Vac CONTROL UNIT POWER SUPPLY 0Vac	4.4
↓ PIN 7	7	USCITA SBRINAMENTO DEFROST OUTPUT	4.4
↓ PIN 8	8	USCITA VENTILATORI EVAPORATORE EVAPORATOR FANS OUTPUT	4.5
↓ PIN 9	9	USCITA COMPRESSORE COMPRESSOR OUTPUT	4.6
↓ PIN 10	L10	COMUNE LUCE CELLA DOOR SWITCH COMMON	4.8
↓ PIN 11	L11	USCITA LUCE CELLA DOOR SWITCH OUTPUT	4.8
↓ PIN 12			
↓ PIN 13	13	COMUNE SONDE COMMON PROBES	4.2
↓ PIN 14	14	SONDA AMBIENTE AMBIENT PROBE	4.2
↓ PIN 15	15	SONDA SBRINAMENTO DEFROST PROBE	4.2

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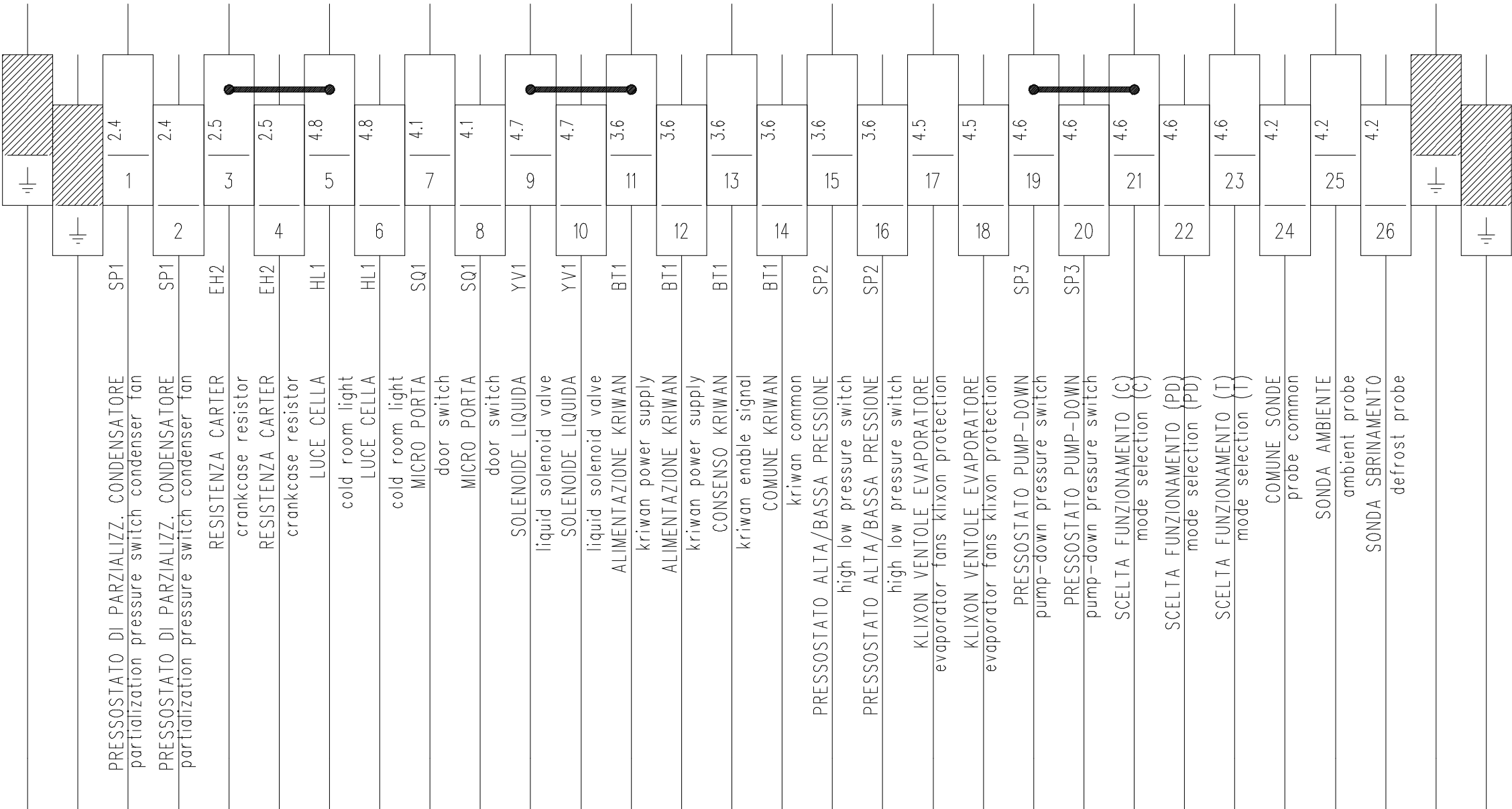
DATE	20/10/2025	RIEPILOGO MORSETTI	
DRAWN BY	Simone		
VERIFIED BY	Luigi		
APPROVED BY	Alessandro	SUBST.:	SUB. FOR:



ECP300 EXPERT VD 7

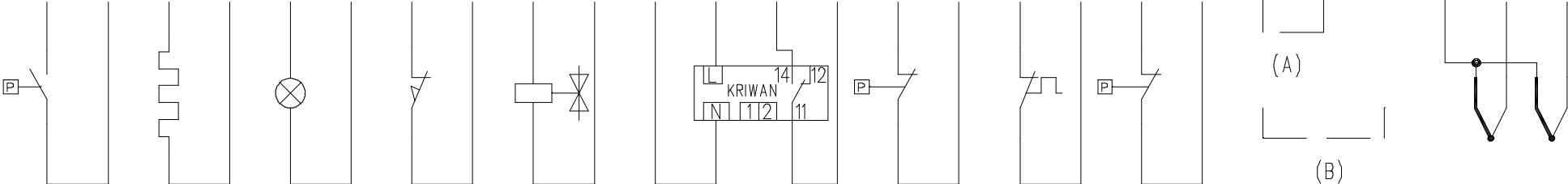
=ECP300 EXPERT VD 7	
+	
SHEET X1-1	
N.S. X1-001	T.S. 13

Terminal block X1



MORSETTI DOPPI
double terminal bolck

- PONTE
bridge
- ← PIANO SUPERIORE MORSETTIERA
high level terminal block
- ← PIANO INFERIORE MORSETTIERA
low level terminal block



MAXIMUM PERMISSIBLE LOAD
200 W (Ac1)

MAXIMUM PERMISSIBLE LOAD
800 W (Ac1)

MAXIMUM PERMISSIBLE LOAD
10 W

MAXIMUM PERMISSIBLE LOAD
3 VA

FUNCTIONING MODE SELECTION
jump (A): pump-down mode selection
jump (B): thermostat mode selection

ATTENZIONE:
ponticellare i morsetti 13 e 14 se non è presente la protezione kriwan.
Ponticellare i morsetti 15 e 16 se non è presente il pressostato alta/bassa pressione.
Lasciare liberi i morsetti 7 e 8 se non è presente il micro porta.

WARNING:
Put a bridge between clamp 13 and 14 if Kriwan protection is not present.
Put a bridge between clamp 15 and 16 if high low pressure switch protection is not present.
Leave free the clamp 7 and 8 if door switch is not present

1	2	3	4	5	6	7	8
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