



ECP300 EXPERT U VD 12

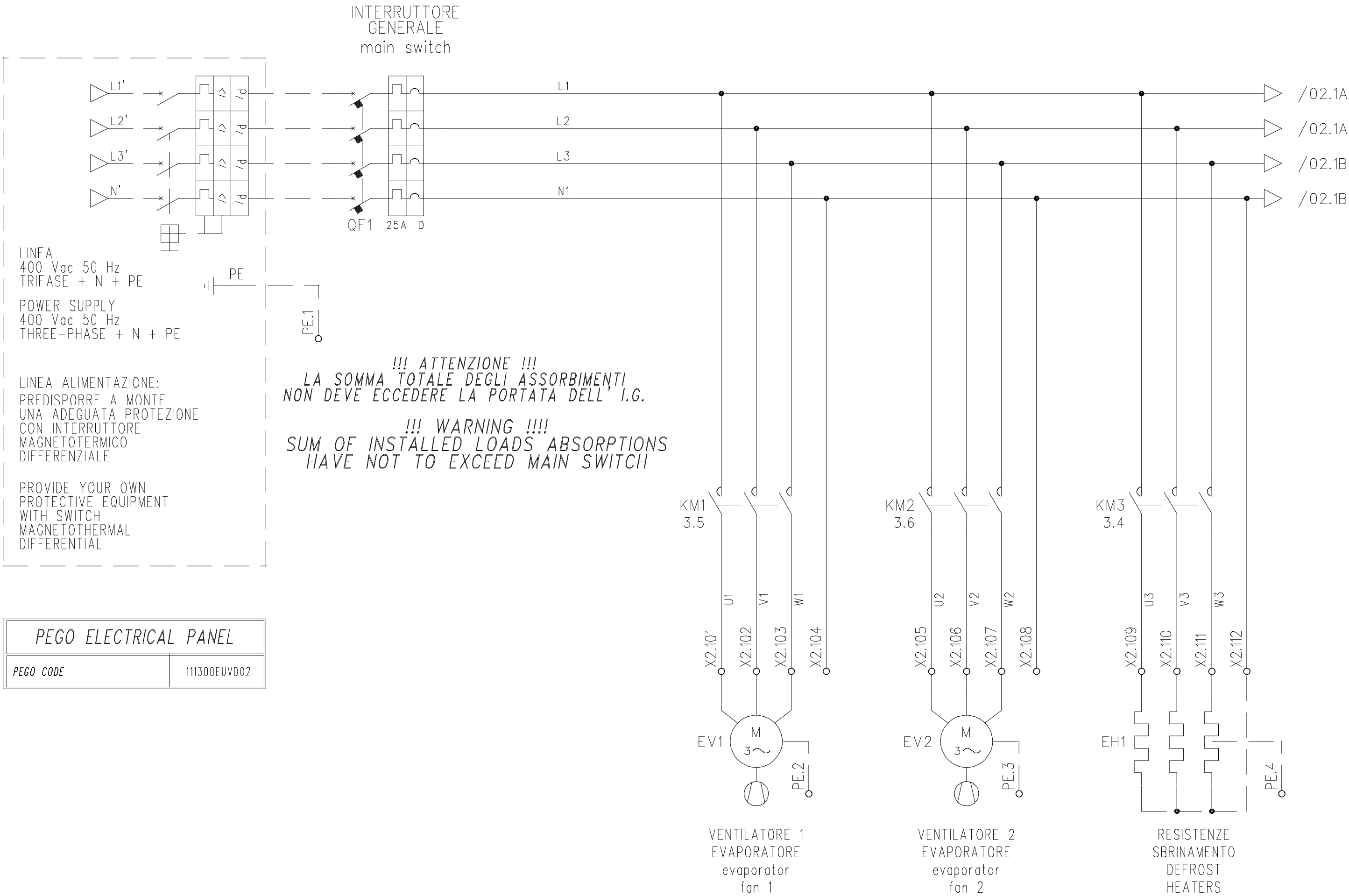
DESIGN				MAIN VOLTAGE 400 Vac 3F+N 50 Hz		STANDARDS CEI 44-6		PROTECTION					
SERIES				CONTROLS VOLTAGE 230 Vac		+ =							
JOB ORDER ECP300 EXPERT U VD 12				SIGNALS VOLTAGE 230 Vac									
CUSTOMER QUADRO DI SERIE						ECP300 EXPERT U VD 12							
DESIGNED BY CAD/CAE SYSTEM Ver. 29.00													
													
				SIGNATURE									
				DRAWN BY Simone									
				VERIFIED BY Luigi									
				APPROVED BY Alessandro									
						QUADRO DI SERIE							
00	EMISSIONE		13/10/2025	Simone		SHEET 0							
										T.S. 12			
REV.	REVISION DESCRIPTION		DATE	DESIGNER									

A
B
C
D
E
F

COPYING OF THIS DOCUMENT, AND GIVING IT TO OTHERS AND THE USE OR COMMUNICATION OF THE CONTENTS THEREOF, ARE FORBIDDEN WITHOUT EXPRESS AUTHORITY. OFFENDERS ARE LIABLE TO THE PAYMENT OF DAMAGES. ALL RIGHTS ARE RESERVED IN THE EVENT OF THE GRANT OF A PATENT OF THE REGISTRATION OF A UTILITY MODEL OR DESIGN

FILE NAME:
111300EUVD02.sch

DATE	13/10/2025	POWER CIRCUIT			ECP300 EXPERT U VD 12			=ECP300 EXPERT U VD 12					
DRAWN BY	Simone							+					
VERIFIED BY	Luigi							SUBST.: SUB. FOR:					
APPROVED BY	Alessandro	N.S. 2											



A
B
C
D
E
F

A

B

C

D

E

F

A

B

C

D

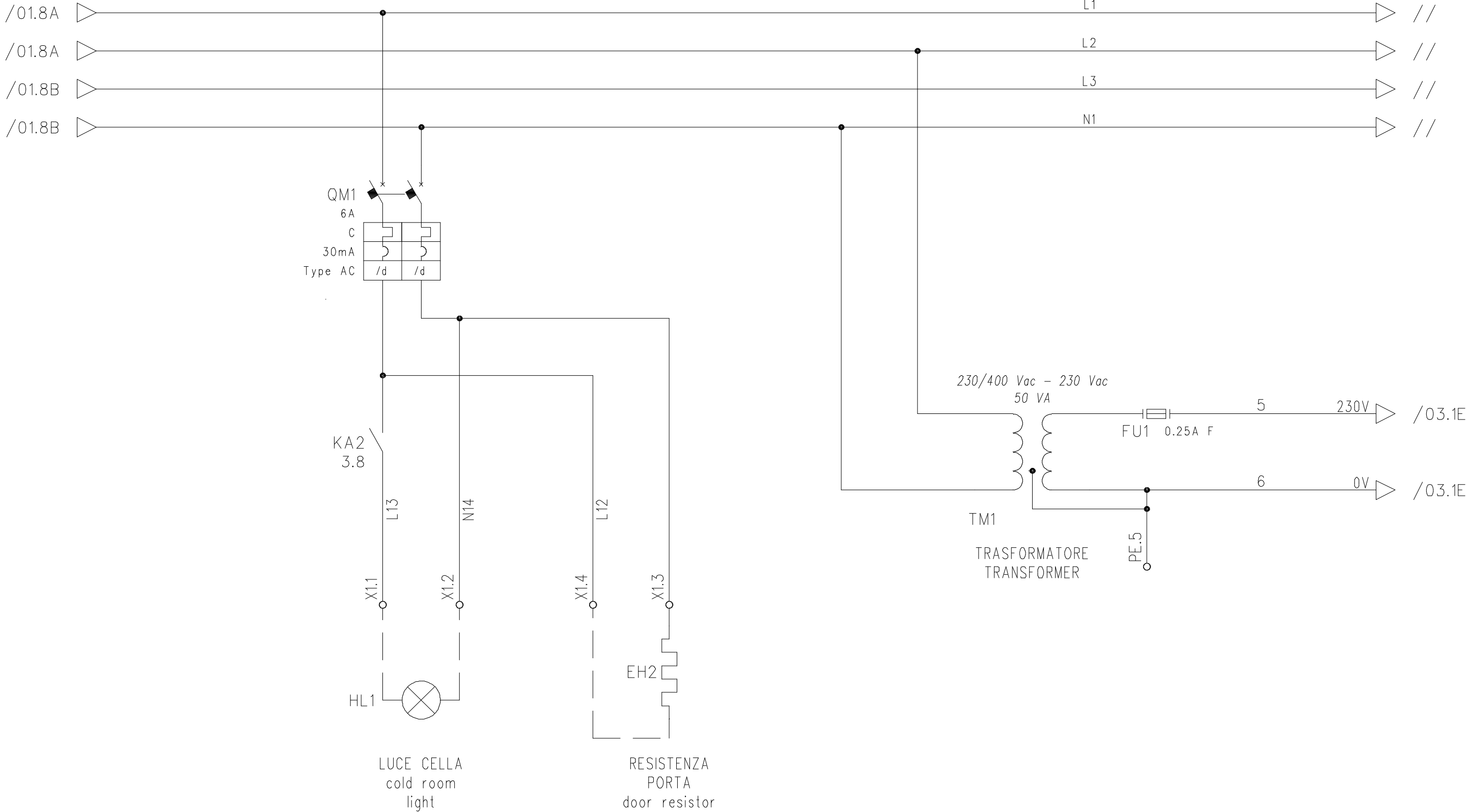
E

F

COPYING OF THIS DOCUMENT, AND GIVING IT TO OTHERS AND THE USE OR COMMUNICATION OF THE CONTENTS THEREOF, ARE FORBIDDEN WITHOUT EXPRESS AUTHORITY. OFFENDERS ARE LIABLE TO THE PAYMENT OF DAMAGES. ALL RIGHTS ARE RESERVED IN THE EVENT OF THE GRANT OF A PATENT OF THE REGISTRATION OF A UTILITY MODEL OR DESIGN

FILE NAME:
11300EUVDD02.sch

DATE	13/10/2025	VARIOUS POWER SUPPLIES			ECP300 EXPERT U VD 12			=ECP300 EXPERT U VD 12	
DRAWN BY	Simone							+	
VERIFIED BY	Luigi							SHEET 2	
APPROVED BY	Alessandro	SUBST.:	SUB. FOR:					N.S. 3	T.S. 12



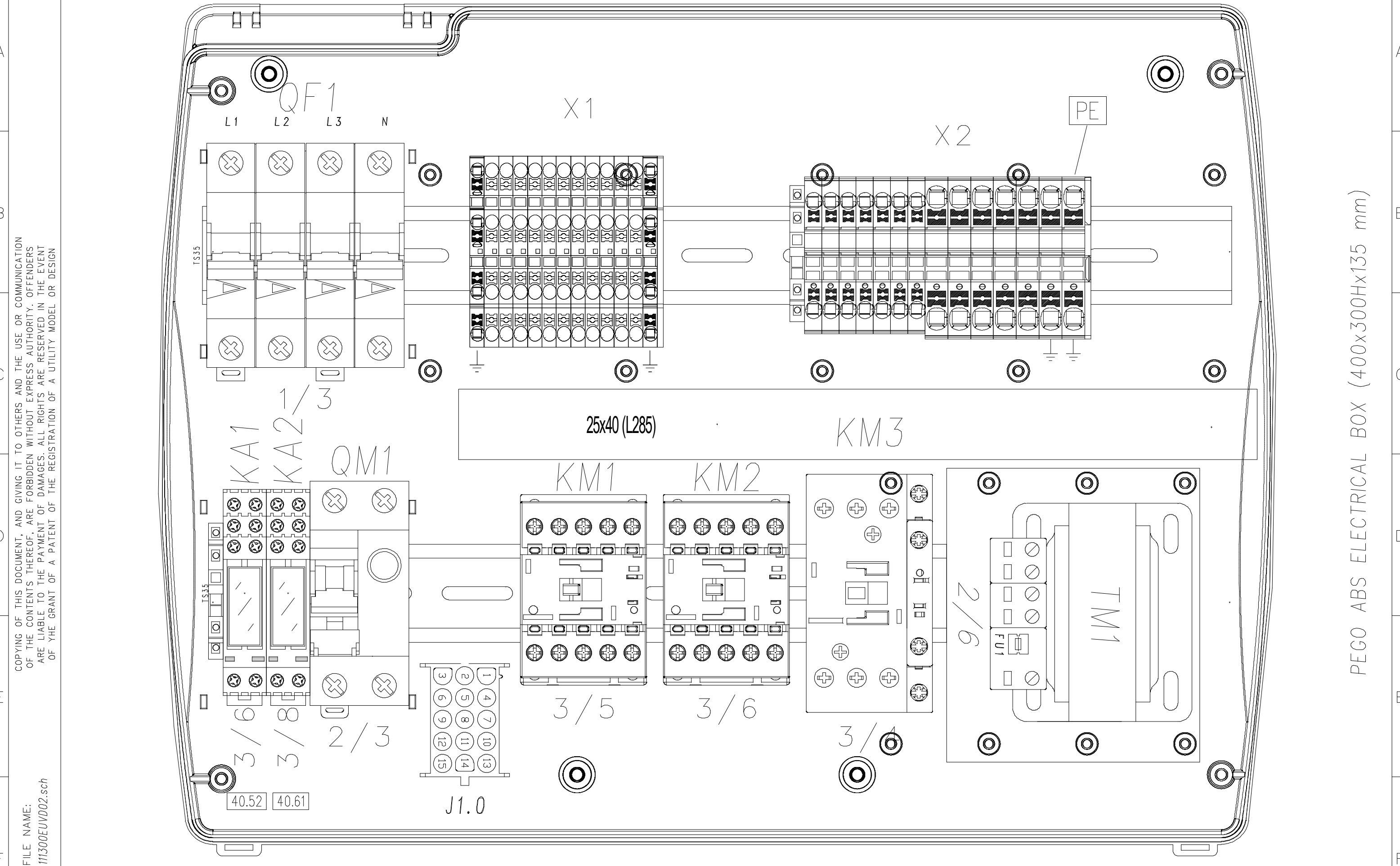
F

DATE	13/10/2025
DRAWN BY	Simone
VERIFIED BY	Luigi
APPROVED BY	Alessandro



FILE NAME: 11300EUVDD02.sch

COPYING OF THIS DOCUMENT, AND GIVING IT TO OTHERS AND THE USE OR COMMUNICATION OF THE CONTENTS THEREOF, ARE FORBIDDEN WITHOUT EXPRESS AUTHORITY. OFFENDERS ARE LIABLE TO THE PAYMENT OF DAMAGES. ALL RIGHTS ARE RESERVED IN THE EVENT OF THE GRANT OF A PATENT OF THE REGISTRATION OF A UTILITY MODEL OR DESIGN



PEGO ABS ELECTRICAL BOX (400x300Hx135 mm)

A

B

C

D

E

F

COPYING OF THIS DOCUMENT, AND GIVING IT TO OTHERS AND THE USE OR COMMUNICATION OF THE CONTENTS THEREOF, ARE FORBIDDEN WITHOUT EXPRESS AUTHORITY. OFFENDERS ARE LIABLE TO THE PAYMENT OF DAMAGES. ALL RIGHTS ARE RESERVED IN THE EVENT OF THE GRANT OF A PATENT OF THE REGISTRATION OF A UTILITY MODEL OR DESIGN

FILE NAME:
111300EUVD02.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	6
1	95.75	ZOC9575	FINDER	ZOCCOLO RELÈ PER SERIE 40.52 SOCKET RELAY 40.52 SERIES		
KA2	40.61.8.230.0000	REL4061	FINDER	MINI RELÈ 1 CONTATTO IN SCAMBIO 230Vac 16A MINI RELAY 1 CONTACT IN EXCHANGE 230Vac 16A	3	8
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	3	5
KM2	DILM9-10 230V50/60Hz	CONDILM9-10 230V	EATON	CONTATTORE 4kW 1NA 230V 50/60HZ CONTACTOR 4kW 1NO 230V 50/60HZ	3	6
KM3	DILM17-01 230V50/60Hz	CONDILM17-01 230V	EATON	CONTATTORE 7.5kW 1NC 230V 50/60HZ CONTACTOR 7.5kW 1NC 230V 50/60HZ	3	4
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	3
PE/1 (#1)	3022276	MORCLIP35-5	PHOENIX-CONTACT	BLOCCAMORSETTO CLAMP END CLAMP - CLIPFIX35-5	PE-001	3
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	3
QF1	FAZ-D25/4	MTEFAZ-D25/4	EATON	INTERRUTTORE MAGNETOTERMICO 25A D 4 POLI CIRCUIT BREAKER 25A D 4 POLES	1	3
QM1	FRBM6-C6/1N/003	MTEFRBM6-C6/1N/003	EATON	MAGN. DIFF. 1P+N 6A C 30mA TIPO AC MAGNETOTHERMAL DIFFERENTIAL SWITCH 1P+N 6A C 30mA TYPE AC	2	3
TM1	TRA50	TRA50	TECNOCABLAGGI	TRASFORMATORE 50VA I° 230-400V - II° 230V TRANSFORMER 50VA I° 230-400V - II° 230V	2	6
X1/1	3210567	MORPTTB2.5	PHOENIX-CONTACT	MORSETTO DOPPIO PTTB 2.5 PUSH-IN CLAMP DOUBLE PTTB 2.5 PUSH-IN	X1-001	6
X2/1	3211813	MORPT6	PHOENIX-CONTACT	MORSETTO PT 6 PUSH-IN CLAMP PT 6 PUSH-IN	X2-001	3
X2/2	3211757	MORPT4	PHOENIX-CONTACT	MORSETTO PT 4 PUSH-IN CLAMP PT 4 PUSH-IN	X2-001	2

COPYING OF THIS DOCUMENT, AND GIVING IT TO OTHERS AND THE USE OR COMMUNICATION OF THE CONTENTS THEREOF, ARE FORBIDDEN WITHOUT EXPRESS AUTHORITY. OFFENDERS ARE LIABLE TO THE PAYMENT OF DAMAGES. ALL RIGHTS ARE RESERVED IN THE EVENT OF THE GRANT OF A PATENT OF THE REGISTRATION OF A UTILITY MODEL OR DESIGN

FILE NAME:
111300EUVDD02.sch

DATE	13/10/2025	RIEPILOGO CONNETTORE AMP 15 PIN FEMMINA	
DRAWN BY	Simone		
VERIFIED BY	Luigi		
APPROVED BY	Alessandro		
		SUBST.:	SUB. FOR:



ECP300 EXPERT U VD 12

=ECP300 EXPERT U VD 12
+
SHEET J1-001
N.S. PE-001 T.S. 12

J1.0

CONNETTORE FEMMINA 15 PIN
FEMALE CONNECTOR 15 PIN

RIFERIMENTO
PER PIN 1
REFERENCE
FOR PIN 1

N° PIN
PIN No.

N° PIN
PIN No.

INSERIRE IL
PUNTALE A CRIMPAR
FEMMINA
INSERT
FEMALE
CRIMP TERMINAL

LATO
INTERNO
QUADRO
INTERNAL
SIDE PANEL

RETRO
CONNETTORE
BACK
SIZE

RIFERIMENTO
PER PIN 1
REFERENCE
FOR PIN 1

N° FILO
WIRE No.

N° PIN
PIN No.

N° FILO
WIRE No.

CONNETTORE AMP FEMMINA 15 PIN
15 PIN FEMALE AMP CONNECTOR

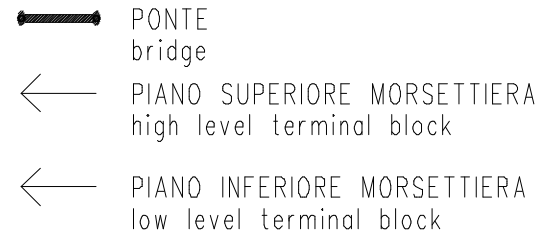
PIN No. PIN No.	Num. FILO WIRE No.	DESCRIZIONE DESCRIPTION	Pag./Rif. Page/Ref.
↓ PIN 1	1	ALLARME UOMO IN CELLA MAN IN ROOM ALARM	3.2
↓ PIN 2	2	MICRO PORTA DOOR SWITCH	3.2
↓ PIN 3	3	COMUNE INGRESSI DIGITALI DIGITAL INPUT COMMON	3.2
↓ PIN 4			
↓ PIN 5	5	ALIMENTAZIONE CONTROLLO 230Vac CONTROL UNIT POWER SUPPLY 230Vac	3.3
↓ PIN 6	6	ALIMENTAZIONE CONTROLLO 0Vac CONTROL UNIT POWER SUPPLY 0Vac	3.4
↓ PIN 7	7	USCITA SBRINAMENTO DEFROST OUTPUT	3.4
↓ PIN 8	8	USCITA VENTILATORI EVAPORATORE EVAPORATOR FANS OUTPUT	3.5
↓ PIN 9	9	USCITA COMPRESSORE COMPRESSOR OUTPUT	3.6
↓ PIN 10	10	USCITA ALLARME/AUX ALARM/AUX OUTPUT	3.7
↓ PIN 11	11	USCITA ALLARME/AUX ALARM/AUX OUTPUT	3.7
↓ PIN 12	12	USCITA LUCE CELLA DOOR SWITCH OUTPUT	3.8
↓ PIN 13	13	COMUNE SONDE COMMON PROBES	3.2
↓ PIN 14	14	SONDA AMBIENTE AMBIENT PROBE	3.2
↓ PIN 15	15	SONDA SBRINAMENTO DEFROST PROBE	3.3

DATE	13/10/2025
DRAWN BY	Simone
VERIFIED BY	Luigi
APPROVED BY	Alessandro



=ECP300 EXPERT U VD 12	
+	
SHEET X1-1	
N.S. X1-001	T.S. 12

MORSETTI DOPPI
double terminal bolck



1

2

3

4

5

6

7

8

A

B

C

D

E

F

Terminal block X2

