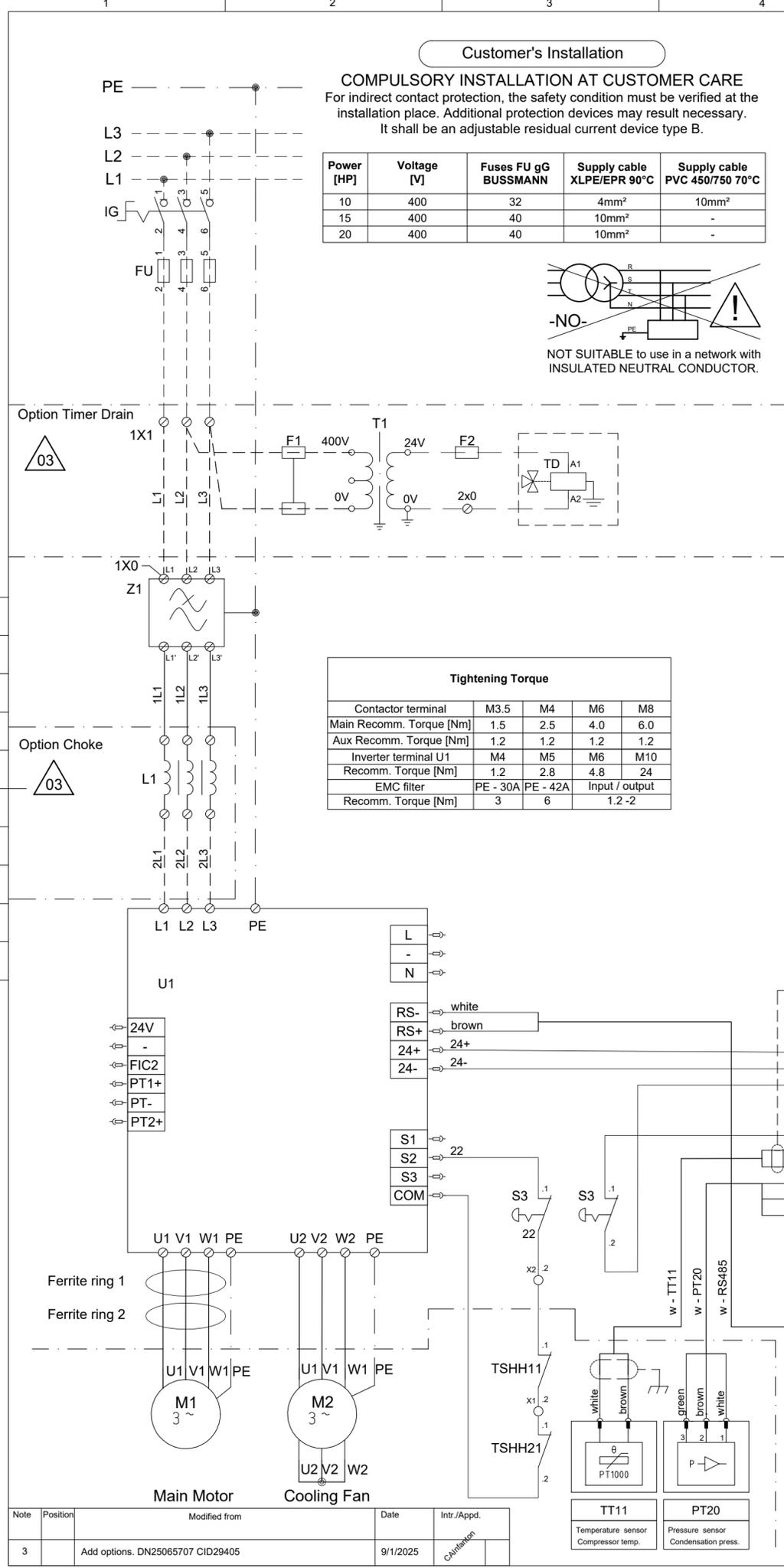


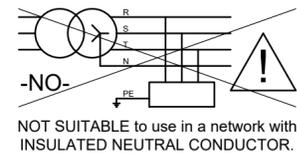
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**Customer's Installation**

**COMPULSORY INSTALLATION AT CUSTOMER CARE**  
 For indirect contact protection, the safety condition must be verified at the installation place. Additional protection devices may result necessary. It shall be an adjustable residual current device type B.

Power [HP]	Voltage [V]	Fuses FU gG BUSSMANN	Supply cable XLPE/EPR 90°C	Supply cable PVC 450/750 70°C
10	400	32	4mm <sup>2</sup>	10mm <sup>2</sup>
15	400	40	10mm <sup>2</sup>	-
20	400	40	10mm <sup>2</sup>	-

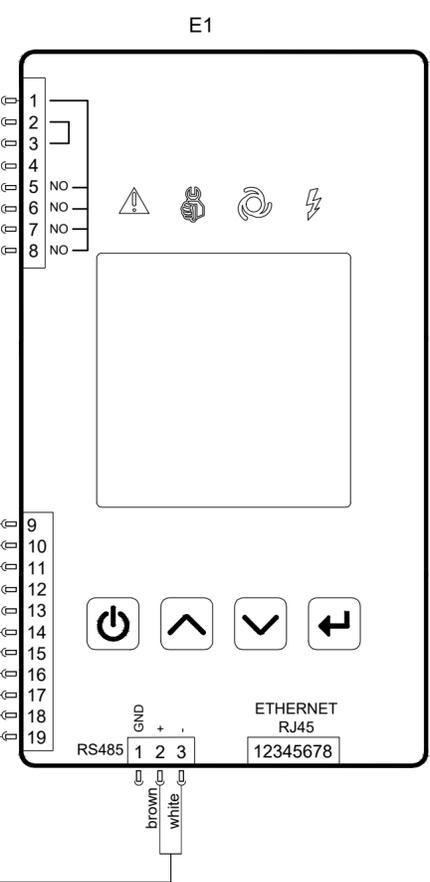


**Tightening Torque**

Contactor terminal	M3.5	M4	M6	M8
Main Recomm. Torque [Nm]	1.5	2.5	4.0	6.0
Aux Recomm. Torque [Nm]	1.2	1.2	1.2	1.2
Inverter terminal U1	M4	M5	M6	M10
Recomm. Torque [Nm]	1.2	2.8	4.8	24
EMC filter	PE - 30A	PE - 42A	Input / output	
Recomm. Torque [Nm]	3	6	1.2-2	

- AT CUSTOMER CARE**
- FU Compressor protective fuses  
 IG Compressor disconnecter switch
- STARTER CUBICLE**
- 1x0 Customer terminal connection  
 1x1 Customer terminal connection (Timer Drain option)  
 TSHH11 Temperature switch element outlet  
 TSHH21 Additional temperature switch element outlet  
 T1 Control transformer  
 TT11 Temperature sensor PT1000  
 PT20 Pressure transducer  
 S10 Emergency stop  
 U1 Inverter  
 Z1 EMC filter  
 L1 Line choke (Choke option)  
 T1 Control transformer (Timer drain option)  
 F1-2 Control transformer fuses (Timer drain option)  
 TD Timer Drain (Timer drain option)  
 2x0 Terminal board (Timer drain option)
- COMPRESSOR**
- M1 Compressor Motor  
 M2 Fan Motor
- DIGITAL I/O CONTROL MODULE (E1)**
- 9 Supply  
 10 Supply  
 11 Common DI  
 12 Remote start/stop  
 14 Emergency stop  
 15 Common PB  
 16 PT1000  
 17 +5V  
 18 P01  
 19 GND

03



**BILL OF MATERIALS**

**2205050201 rev03 CUBICLE 10HP 400V IVR**

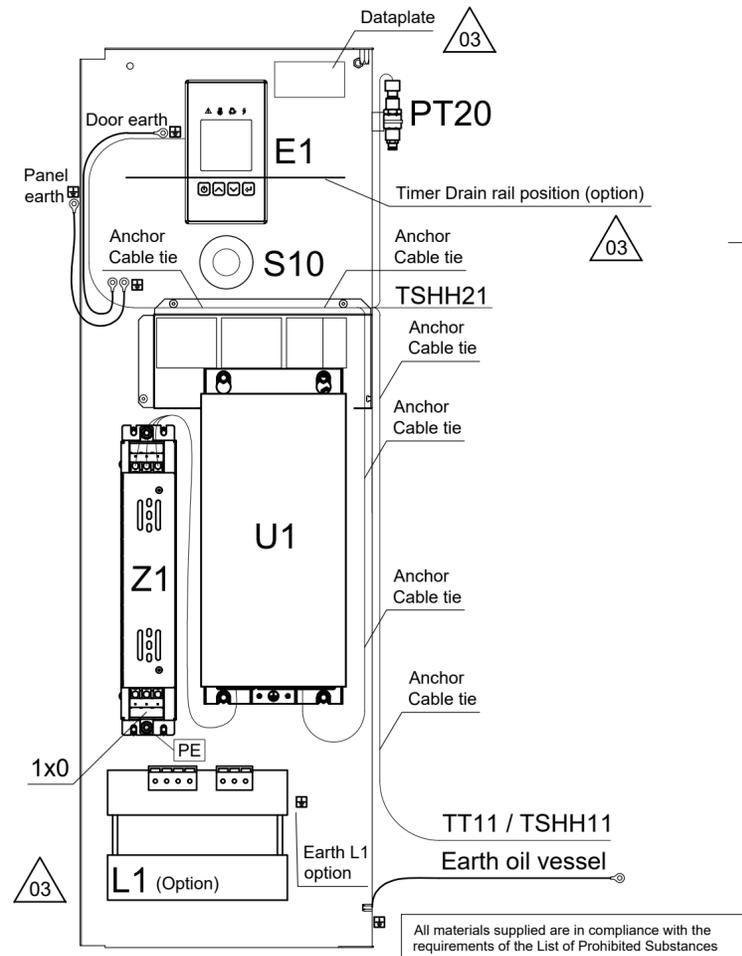
ID	Description	Type	Manuf.	Code	Quant.	Notes
Z1	FILTER	HLD 110-500/30	BLOCK	1089933989	1	
U1	INVERTER	SP600T-7R5G-CAC	ZONCN	2204278801	1	
	WIRING	WIRING 10-20HP ZONCN		2205050211	1	
	ANCHOR CABLE TIE	4.6x200 D5		0348010212	6	
S10	EMERGENCY STOP BUTTON HOLDER	ECX 4580	COMEPI	1089966838	1	
		ECX 4029	COMEPI	1089966817	1	
PT20	PRESSURE SENSOR	81CP61-01	SENSATA	2204103900	1	
	SNAP CLIP	GW50602	GEWISS	1088015449	1	
	STRAIGHT FEM.FITT.M	M12x1.5 - D.6mm	METALWORK	2204140700	1	
CG1	CABLE GLAND	M32X1,5		0698514127	1	
	NUT	M32X1,5		0697980951	1	
CG2	CABLE GLAND	M16X1,5		0698514123	1	
	NUT	M16X1,5		0697980959	1	
	CONNECTOR Y	221-413	WAGO	1088002188	1	loose
	RING FERRITE	5200-0034	BLOCK	1089948705	0	
	FERRITE	FAIR-RITE TPFA (N31)	BLOCK	2204136801	0	
	BOX	CUBICLE BOX S55DD IPM		2204276300	1	
	SERVICE DIAGRAM			2205050200	1	
	DATAPLATE	SINGLE LINE LABEL ELECT. RATES		2204122751	2	

**2205050202 rev03 CUBICLE 15HP 400V IVR - SAME AS 2205050201 WITH FOLLOWING DIFFERENCES:**

Z1	FILTER	HLD 110-500/42	BLOCK	1089933976	1	
U1	INVERTER	SP600T-11G-CAC	ZONCN	2204278802	1	

**2205050203 rev03 CUBICLE 20HP 400V IVR - SAME AS 2205050202 WITH FOLLOWING DIFFERENCES:**

U1	INVERTER	SP600T-15G-CAC	ZONCN	2204278803	1	
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Tolerances, if not indicated, according to:

General tolerances	1350K - V
STANDARD CLASS	
Name	SERVICE DIAGRAM
Material	See Drawing
Treatment	Not Applicable
Scale	--
Family	Blank nr.
Compare	Replaces
Designation	Sheet ( ) 01 01
Released	18/03/2025
<b>2205050200-01</b>	

N.A.	N.A.
Parent 3D Model	Ed.Version 3D

Note	Position	Modified from	Date	Intr./Appd.
3		Add options. DN25065707 CID29405	9/1/2025	CA/Innovation