

⚠ CHECK ALL ELECTRICAL CONNECTIONS TIGHTENING according with table below EACH YEAR OR EACH 4000 WORKING HOURS depending on the first elapsed service interval.

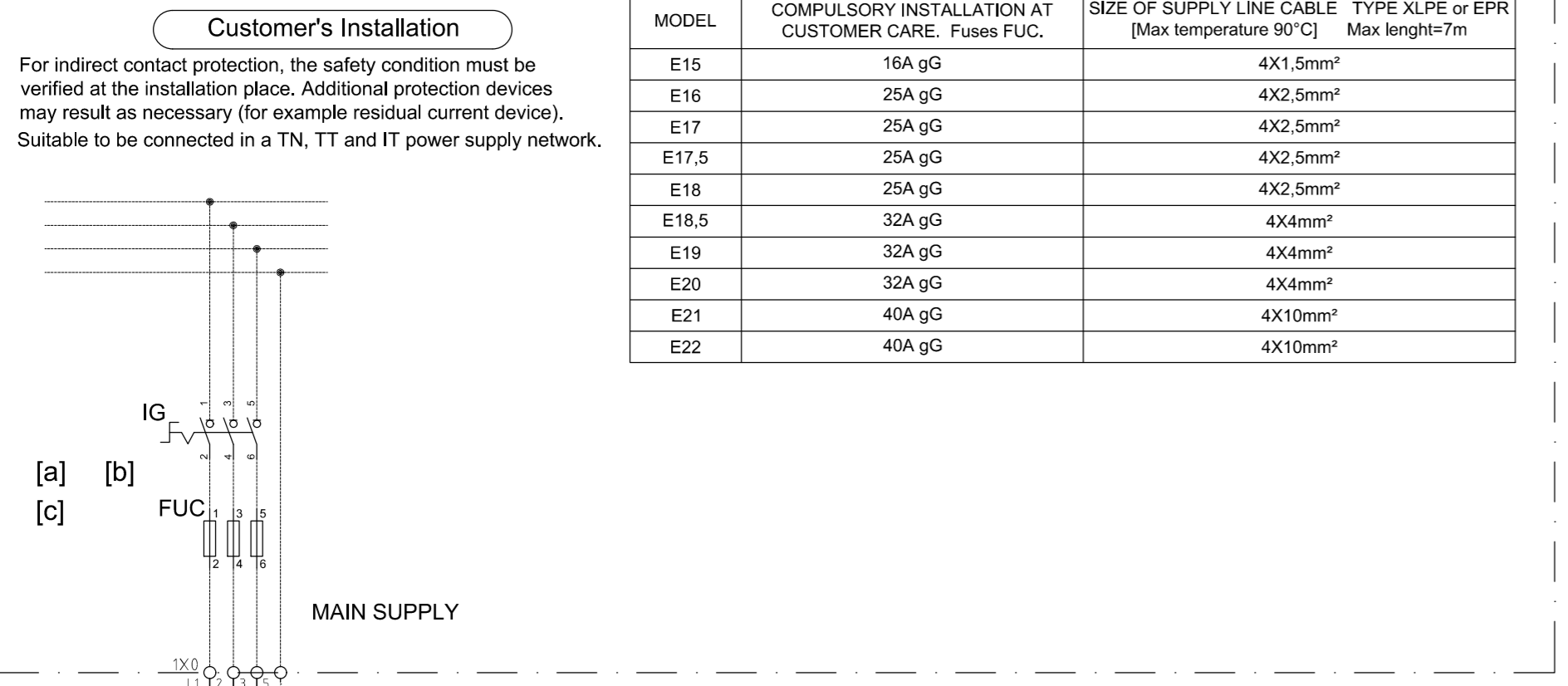
Tightening Torque

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
Transformer	T1			
Recomm. Torque [Nm]	0.5-1.0			

NOTES

- [a] Maximum fuses with regard to short circuit protection of starter. Cable section might impose fuses of smaller value. For indirect contact protection, the safety condition must be verified at the installation place.
- [b] Max cable length from protection (FU) to the unit: 23ft (7m). IG size >= 1.25xFLA
- [c] For field wiring: use copper wire only
- [d] Q3, K3 and M3 only for codes 2205024524-5-6
- [e] Only for codes 2205024525-6

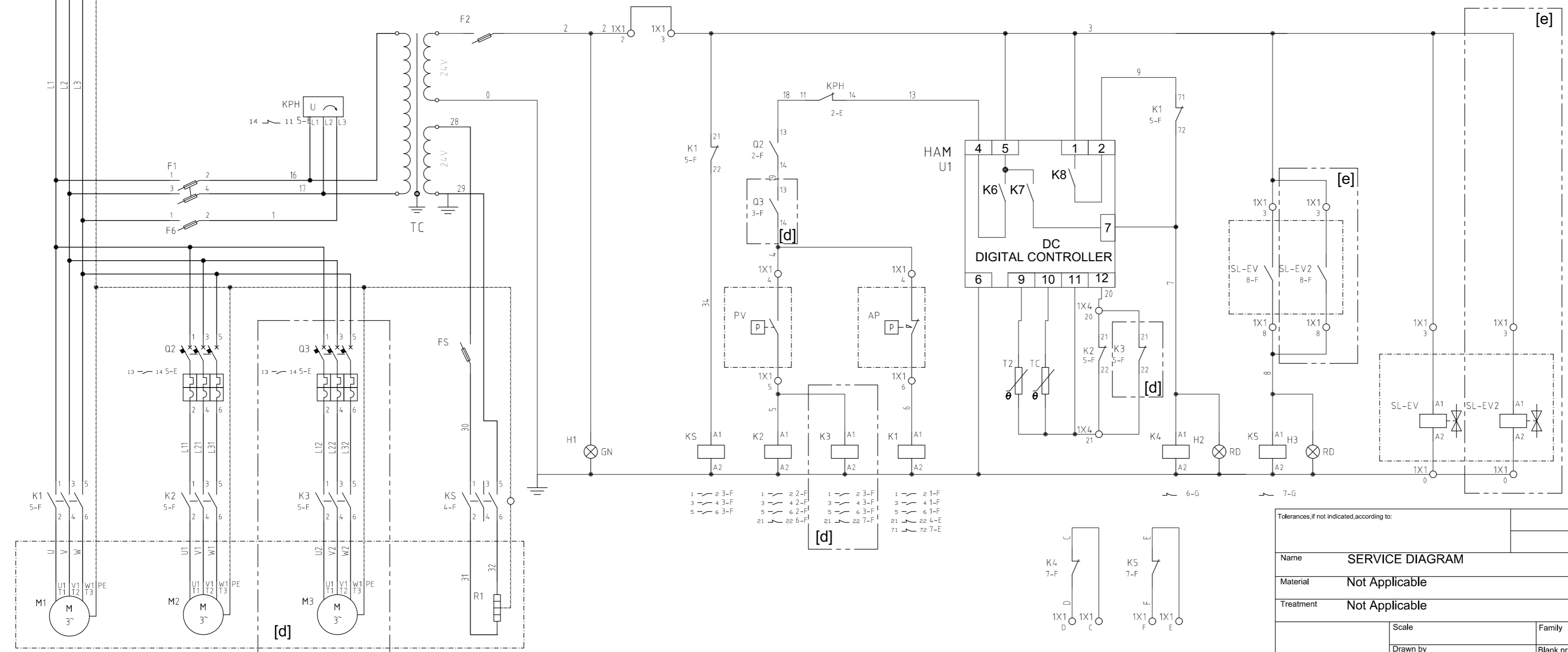
2205024530 LIST OF ELECTRICAL MATERIALS



MODEL	COMPULSORY INSTALLATION AT CUSTOMER CARE. Fuses FUC.	SIZE OF SUPPLY LINE CABLE [Max temperature 90°C] TYPE XLPE or EPR Max lenght=7m
E15	16A gG	4X1,5mm²
E16	25A gG	4X2,5mm²
E17	25A gG	4X2,5mm²
E17,5	25A gG	4X2,5mm²
E18	25A gG	4X2,5mm²
E18,5	32A gG	4X4mm²
E19	32A gG	4X4mm²
E20	32A gG	4X4mm²
E21	40A gG	4X10mm²
E22	40A gG	4X10mm²

ELECTRICAL LEGEND

- SU Disconnector switch (Customer installation)
- FU Dryer protection fuses (Customer installation)
- M1 Refrigerant Compressor motor
- M2-M3 Fan motor
- K1 Compressor motor contactor
- R1 Crankcase heater
- 1X1 Terminal block
- 1X0 Power terminal block
- K2-K3 Fan contactor
- KS Heater contactor
- Q1-Q2 Fan motor protection
- SL-EV Drain Valve
- SL-EV2 Drain Valve
- TC Control transformer
- F1-F6 Primary transf. fuses
- F2 Secondary control circuit transf. fuses
- FS Secondary heater transf. fuses
- H1 Voltage presence lamp
- H2 High pressure fault lamp
- H3 Drain fault lamp
- PV Fan pressure switch
- AP High pressure switch
- T1 Temperature sensor P2 NTC - PDP
- T2 Temperature sensor P3 PTC - Compr. temp.
- K4 Aux relay
- K5 Aux relay
- KPH Phase sequence control switch



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Note	Position	Modified from	Date	Intr./Appd.
01		Note corrected - CID28341, DN22054154	21/12/2022	D. Razzani

Tolerances, if not indicated, according to:

Name	SERVICE DIAGRAM		E15-22 - 380V 60Hz CE		Confidentiality class acc. to 1102 K
Material	Not Applicable				Internal
Treatment	Not Applicable				ACDE
Scale	Family	Compare	Replaces	Drawing owner	Transferred from
Drawn by	Blank nr.			ITJ	
ATLAS COPCO	00519193				
Drawing format	Blank wt.	Kg	Fini wt.	Designation	Sheet () 01 01
A2	-				
Des checked.	Prod checked.	Approved.	Date	2205024520	
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