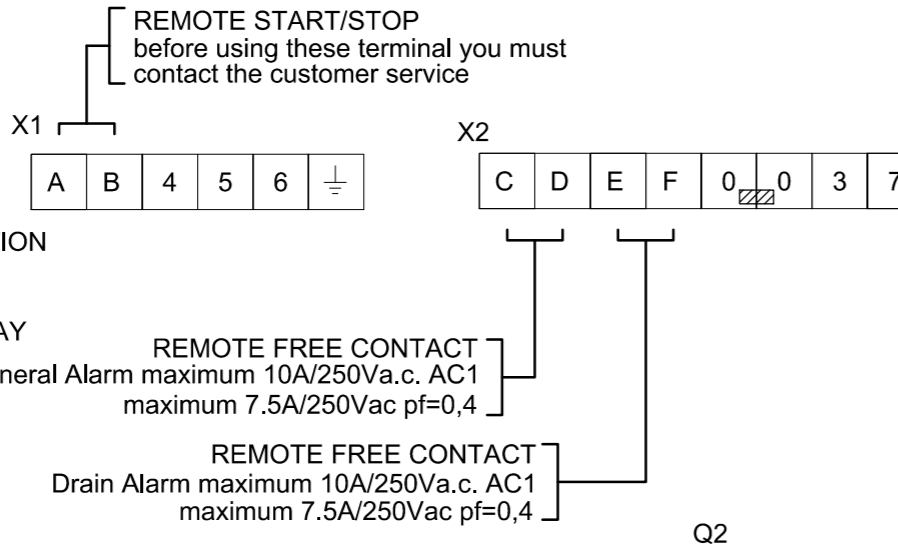
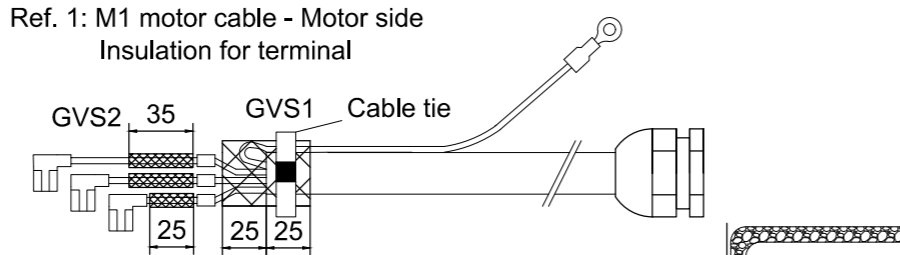
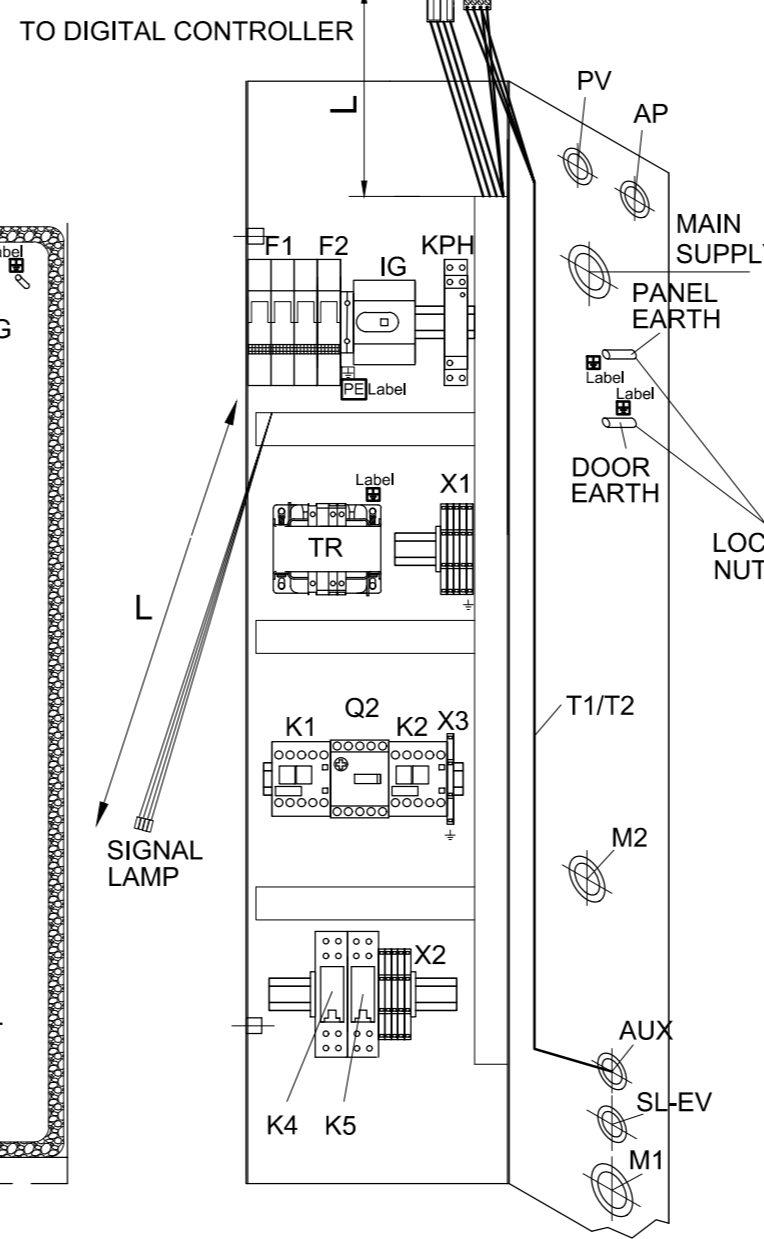
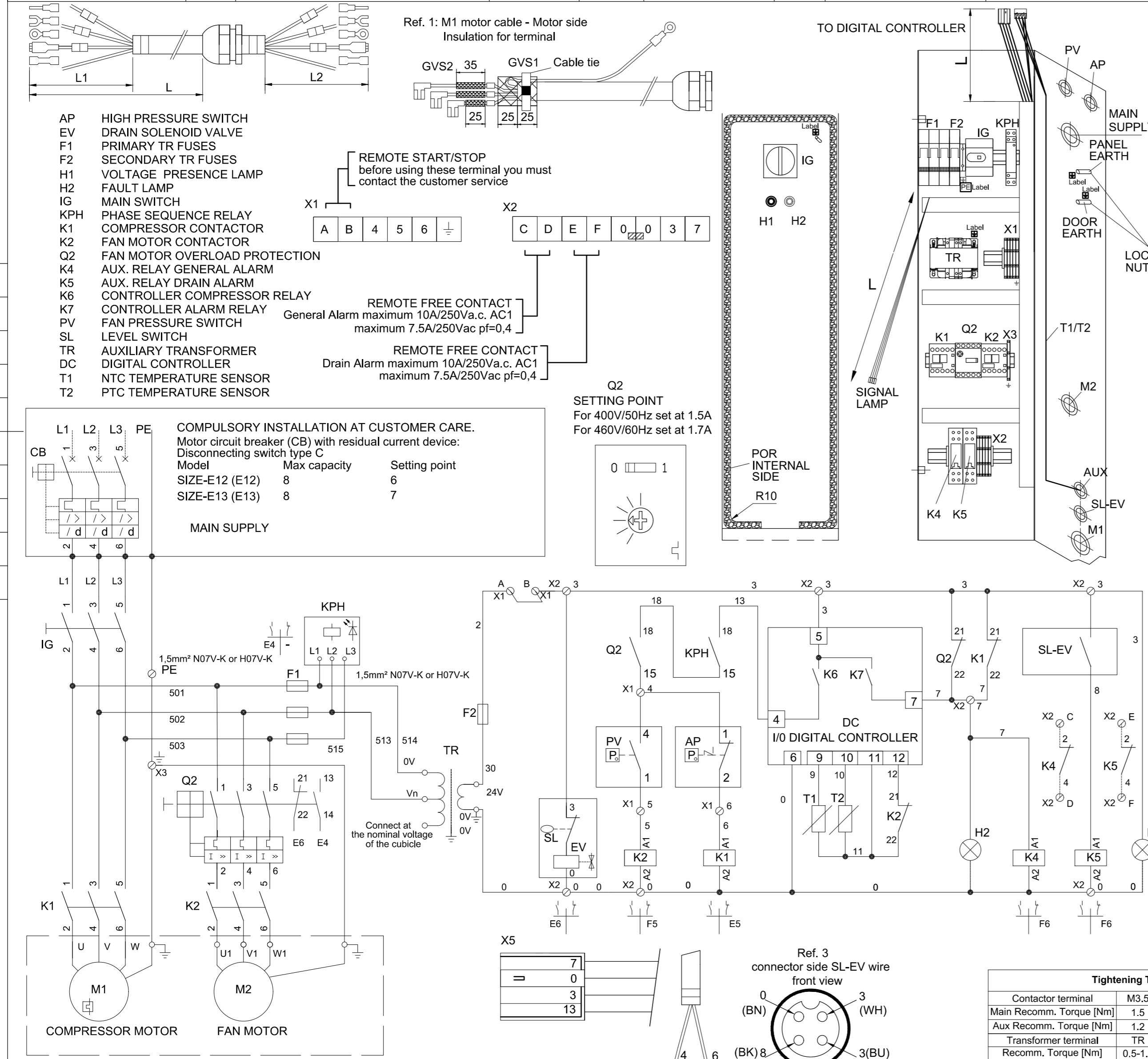


Cable for	Length [mm]	Cable Type	WIRE	Side A	Terminal type	Side B	Terminal type	Notes
MAIN SUPPLY	4500	FROR 450/750 or PECISO FLEX or equivalent 4x1,5mm ²	L1-L2-L3-PE	80	4x PKE1508	80	4x KE1508	
COMPR. MOTOR M1	2080	FROR 450/750 or PECISO FLEX or equivalent 4x1,5mm ²	U-V-W-PE	70 U(BK) 95 V(BN) 40 W(GR) 930 PE	3X BN-FAB608 1x S1,5-M4	150	4x KE1508	See ref.1 min bending radius for PE 5 mm
FAN MOTOR M2	1180	FROR 450/750 or PECISO FLEX or equivalent 4x1mm ²	U1-V1-W1-PE	70	4x KE110	120	4x KE110	
PRESSURE SWITCH PV	1700	FROR 450/750 or PECISO FLEX or equivalent 3x1mm ²	4-5-PE	50	2xRF-U4 + RF-M4 (PE)	80	3x KE110	
PRESSURE SWITCH AP	350	FROR 450/750 or PECISO FLEX or equivalent 2x1mm ²	4-6	50	TYCO	80	2x KE110	See ref. 2
SOL.VALVE SL-EV	1050	4G0.34	0-3-3-8	-	-	120	-	See ref. 3
DOOR EARTH CONN.	450	6mm ² N07V-K/H07V-K Ye/Gr	-	-	S6-M5	-	S6-M5	Connected only to the door
PANEL EARTH CONN.	200	6mm ² N07V-K/H07V-K Ye/Gr	-	-	S6-M5	-	S6-M5	Supply loose
DIGITAL CONTROLLER X5	200	1-1.5mm ² N07V-K or H05V-K	0-3-7-13	-	4xBN-FAR608 + X5	-	-	
PROBE KIT + WIRING	200	-	-	-	-	-	-	
SIGNAL LAMP	500	1-1.5mm ² N07V-K or H05V-K	0-3-0-7	-	2xRF-F608P (0-7) + 2xBF-F608P (0-3)	-	-	

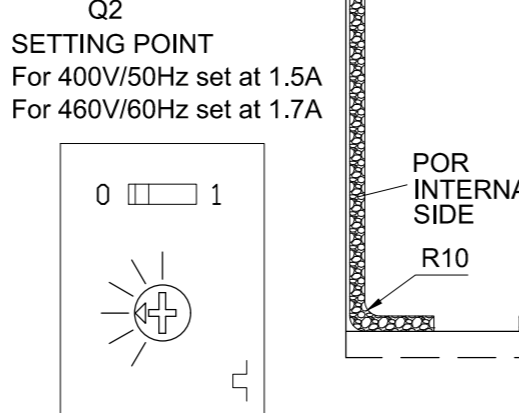
ID	Description	Type	Manuf.	Code	Quant.	Notes
2205023511 rev00 CUBICLE E12-13 400V/50 RAL7040						
IG	MAIN SWITCH	OT25F3	ABB	1089949843	1	
	SHAFT	OXS6X130	ABB	1089949855	1	
	HANDLE	OHYS3AH1	ABB	1089949852	1	
H1	SIGNAL LAMP 24V GREEN	33.5 CONN. 6,3x0,8		1089959602	1	loose in a plastic bag
H2	SIGNAL LAMP 24V RED	33.5 CONN. 6,3x0,8		1089959601	1	
Q2	FAN CIRCUIT BREAKER (1-1.6A)	MS116-1.6	ABB	1089955106	1	
	AUX. CONTACT	HKF1-11	ABB	1089955197	1	
K1	CONTACTOR	AS09-30-01-20	ABB	1089960219	1	
K2	CONTACTOR	AS09-30-01-20	ABB	1089960219	1	
K4-K5	AUX RELAY	G2R-1-SNI 24Vac	OMRON	1089944926	2	
	AUX RELAY BASE	P2RF-05-E	OMRON	1089944933	2	
TR	TRANSFORMER	0-400-460V/0-24-25V, 70VA (SAFETY ISOLATING)		2202823300	1	
F1	FUSE	1A 10x38 gG		1089061222	3	
	FUSE HOLDER	BCH 3x38		1089959403	1	
F2	FUSE	2A 10x38 gG		1089061223	1	
	FUSE HOLDER	BCH 1x38		1089959401	1	
	TERMINAL	HMM.2/2+2/GR	CABUR	1088151036	5	
X1	GROUND TERMINAL	HTE.2/2+2	CABUR	1088151011	1	
	END PLATE	HMT.2/2+2/PT/GR	CABUR	1088151015	1	
	END STOP	249-116	WAGO	1088003181	1	
X2	TERMINAL	HMM.2/2+2/GR	CABUR	1088151036	8	
	END PLATE	HMT.2/2+2/PT/GR	CABUR	1088151015	1	
	END STOP	249-116	WAGO	1088003181	2	
X3	GROUND TERMINAL	HTE.2/2+2	CABUR	1088151011	1	
	END PLATE	HMT.2/2+2/PT/GR	CABUR	1088151015	1	
PE	GROUND TERMINAL	8WA1011-1PH00	SIEMENS	1089050628	1	
	CABLE GLAND (SUPPLY LINE)	M25x1,5		0698514117	2	1xloose
	NUT	M25x1,5		0697980954	2	1xloose
	CABLE GLAND (M1)	M25x1,5		0698514117	1	
	NUT	M25x1,5		0697980954	1	
	CABLE GLAND (M2)	M20x1,5		0698514121	1	
	NUT	M20x1,5		0697980953	1	
	CABLE GLAND (PV, AP, SL-EV,AUX)	M16x1,5		0698514123	4	
	NUT	M16x1,5		0697980920	4	
	MULTIPL.SEALING (AUX)	2x4		0698514813	1	
	BOX	-		2202807000	1	
	PRINTED DOOR (RAL 7040)	-		2204214981	1	
POR	SEAL	8x8		2204212701	2m	
KPH	PHASE SEQUENCE RELAY	DPA 51 C M44	GAVAZZI	1089957516	1	
	CAP	926 683-3	TYCO	1088001523	1	
AP	SOCKET	AMP 926 893-1	TYCO	1088001534	2	
SL-EV	CABLE ASSY FOR SL-EV	XZ CP1141L2 (L=2m)	TELEMECANIQUE	1088002120	1	
GVS1	INSULATION FOR TERMINAL	GVS12KV1.5	ELEKTROZUBERHOR	--	1	L=50 mm
GVS2	INSULATION FOR TERMINAL	GVS12KV1.5	ELEKTROZUBERHOR	--	3	L=2x35mm + 1x25mm
	PROBE KIT + WIRING	-		2205041651	1	
X5	CONNECTOR	63N040	CS	1089003857	1	
	GLOSSARY	-		2200772335	1	
	SERVICE DIAGRAM	A3 FORMAT		2205023510	2	



COMPULSORY INSTALLATION AT CUSTOMER CARE.
Motor circuit breaker (CB) with residual current device:
Disconnecting switch type C

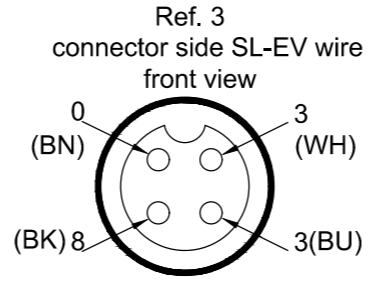
Model	Max capacity	Setting point
SIZE-E12 (E12)	8	6
SIZE-E13 (E13)	8	7

MAIN SUPPLY



2205023512 rev00 CUBICLE E12-13 460V/60 RAL7040: same as 2205023511 with primary connection on TR set at 460V and following differences:						
	FAN CIRCUIT BREAKER (1.6-2.5A)	MS116-2.5	ABB	1089955107	1	
2205023513 rev00 CUBICLE E12-13 400V/50 RAL7021: same as 2205023511 with following differences:						
	PRINTED DOOR (RAL 7021)	-		2204214983	1	
2205023514 rev00 CUBICLE E12-13 460V RAL7021: same as 2205023512 with following differences:						
	PRINTED DOOR (RAL 7021)	-		2204214983	1	
2205023515 rev00 CUBICLE E12-13 400V/50 RAL7021F: same as 2205023511 with following differences:						
	PRINTED DOOR (RAL 7021F)	-		2204214985	1	
2205023516 rev00 CUBICLE E12-13 460V/60 RAL7021F: same as 2205023512 with following differences:						
	PRINTED DOOR (RAL 7021F)	-		2204214985	1	
2205023517 rev00 CUBICLE E12-13 400V/50 RAL7011: same as 2205023511 with following differences:						
	PRINTED DOOR (RAL 7011)	-		2204214982	1	
2205023518 rev00 CUBICLE E12-13 460V/60 RAL7011: same as 2205023512 with following differences:						
	PRINTED DOOR (RAL 7011)	-		2204214982	1	
2205023519 rev01 CUBICLE E12-13 400V/50 RAL5002: same as 2205023511 with following differences:						
	PRINTED DOOR (RAL 5002)	-		2204214986	1	
2205023596 rev02 CUBICLE E12-13 400V/50 RAL7035: same as 2205023511 with following differences:						
	PRINTED DOOR (RAL 7035)	-		2204214987	1	
2205023597 rev02 CUBICLE E12-13 460V/60 RAL7035: same as 2205023512 with following differences:						
	PRINTED DOOR (RAL 7035)	-		2204214987	1	

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 terminal	TR			
Recomm. Torque [Nm]	0.5-1.0			



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Note	Position	Modified from	Date	Intr./Appd.
04		Title block updated & DN 220541 17 and CID28208	04-04-2022	

Tolerances if not indicated according to:		General tolerances	
		1350K - v	
Name	SERVICE DIAGRAM	E12-13 400-460V CE FC	
Material	See Drawing	Confidentiality class acc. to 1102 K	
Treatment	Not Applicable	Internal	
Scale	-/-	Family	Compare
Drawn by		Blank nr.	Replaces
Drawing format	03.00	Blank wt.	Designation
Res checked.		Prod checked.	Sheet () 01 01
Approved.		Approved.	Date
Approved Internal		12/02/2020	
2205023510			

All materials supplied are in compliance with the requirements of the List of Prohibited Substances

Parent 3D Model Ed.Version 3D