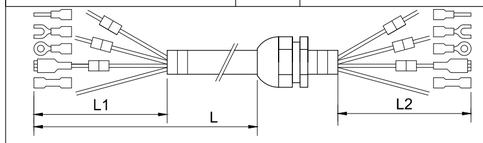
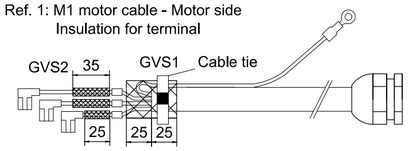
CABLE BILL OF MATERIALS			IDENTIF.	Side A		Side B		Notes
Cable for	Length [mm]	Cable Type	WIRE	L1 [mm]	Terminal type	L2 (mm)	Terminal type	
MAIN SUPPLY	4500	FROR 450/750 or PECSOFLEX or equivalent 4x2,5mm²	L1-L2-L3-PE	80	4x PKE2508	80	4x KE2508	
COMPR. MOTOR M1	2080	FROR 450/750 or PECSOFLEX or equivalent 4x2,5mm²	U-V-W-PE	70 U(BK) 95 V(BN) 40 W(GR) 930 PE	3X BN-FAB608 1x S2,5-M4	150	4x KE2508	See ref.1 min bending radius for PE 5 mm
FAN MOTOR M2	1180	FROR 450/750 or PECSOFLEX or equivalent 4x1mm²	U1-V1-W1-PE	70	4x KE110	120	4x KE110	
PRESSURE SWITCH PV	1700	FROR 450/750 or PECSOFLEX or equivalent 3x1mm²	4-5-PE	50	2xRF-U4 + RF-M4 (PE)	80	3x KE110	
PRESSURE SWITCH AP	350	FROR 450/750 or PECSOFLEX or equivalent 2x1mm²	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	6mm2 N07V-K/H07V-K Ye/Gr	-	-	S6-M5	-	S6-M5	Connected only to the door
PANEL EARTH CONN.	200	6mm2 N07V-K/H07V-K Ye/Gr	-	-	S6-M5	-	S6-M5	Supply loose
DIGITAL CONTROLLER X5	200	1-1.5mm² N07V-K or H05V-K	0-3-7-13	-	4xBN-FAR608 + X5	-	-	-
PROBE KIT + WIRING	200	-	-	-	-	-	-	-
SIGNAL LAMP	500	1-1.5mm² N07V-K or H05V-K	0-3-0-7	-	2xRF-F608P (0-7) + 2xBF-F608P (0-3)	-	-	-



Ref. 1: M1 motor cable - Motor side
Insulation for terminal



AP	HIGH PRESSURE SWITCH
EV	DRAIN SOLENOID VALVE
F1	PRIMARY TR FUSES
F2	SECONDARY TR FUSES
H1	VOLTAGE PRESENCE LAMP
H2	FAULT LAMP
IG	MAIN SWITCH
KPH	PHASE SEQUENCE RELAY
K1	COMPRESSOR CONTACTOR
K2	FAN MOTOR CONTACTOR
Q2	FAN MOTOR OVERLOAD PROTECTION
K4	AUX. RELAY GENERAL ALARM
K5	AUX. RELAY DRAIN ALARM
K6	CONTROLLER COMPRESSOR RELAY
K7	CONTROLLER ALARM RELAY
PV	FAN PRESSURE SWITCH
SL	LEVEL SWITCH
TR	AUXILIARY TRANSFORMER
DC	DIGITAL CONTROLLER
T1	NTC TEMPERATURE SENSOR
T2	PTC TEMPERATURE SENSOR

REMOTE START/STOP
before using these terminal you must contact the customer service

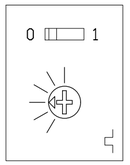
X1: A B 4 5 6 ⏚

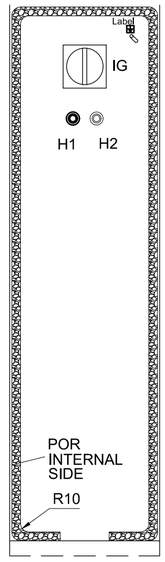
X2: C D E F 0 0 3 7

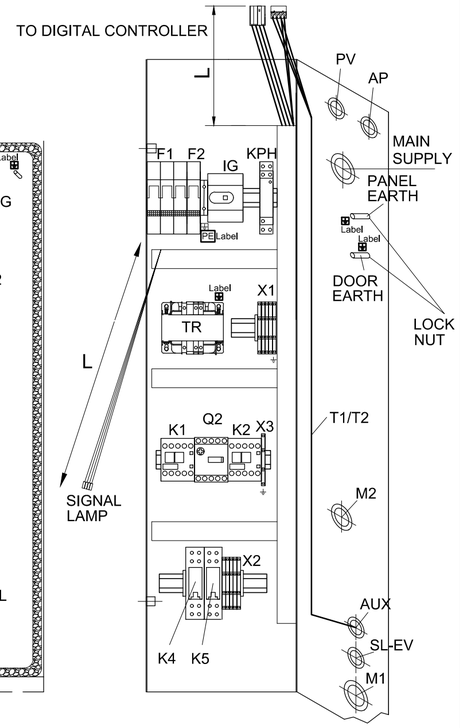
REMOTE FREE CONTACT
General Alarm maximum 10A/250Va.c. AC1
maximum 7.5A/250Vac pf=0,4

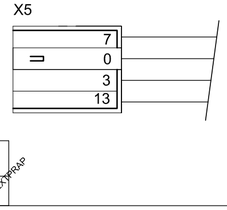
REMOTE FREE CONTACT
Drain Alarm maximum 10A/250Va.c. AC1
maximum 7.5A/250Vac pf=0,4

Q2
SETTING POINT
For 400V/50Hz set at 1.9A
For 460V/60Hz set at 2.2A









Ref. 3
connector side SL-EV wire
front view

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			

Ref. 2
front view

BILL OF MATERIALS						
2205023521 rev00 CUBICLE E14 400V/50 RAL7040						
ID	Description	Type	Manuf.	Code	Quant.	Notes
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 (1.6-2.5A)	MS116-2.5	ABB	1089955107	1	
	AUX. CONTACT	HKF1-11	ABB	1089955197	1	
K1	CONTACTOR	AS12-30-01-20	ABB	1089960221	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	
X1	TERMINAL	HMM.2/2+2/GR	CABUR	1088151036	5	
	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	
AP	CAP	926 683-3	TYCO	1088001523	1	
	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		2205023520	2	

2205023522 rev00 CUBICLE E14 460V/60 RAL7040:
same as 2205023521 with primary connection on TR set at 460V.

2205023523 rev00 CUBICLE E14 400V/50 RAL7021: same as 2205023521 with following differences:

	PRINTED DOOR (RAL 7021)	-	2204214983	1

2205023524 rev00 CUBICLE E14 460V RAL7021: same as 2205023522 with following differences:

	PRINTED DOOR (RAL 7021)	-	2204214983	1

2205023525 rev00 CUBICLE E14 400V/50 RAL7021F: same as 2205023521 with following differences:

	PRINTED DOOR (RAL 7021F)	-	2204214985	1

2205023526 rev00 CUBICLE E14 460V/60 RAL7021F: same as 2205023522 with following differences:

	PRINTED DOOR (RAL 7021F)	-	2204214985	1

2205023527 rev00 CUBICLE E14 400V/50 RAL7011: same as 2205023521 with following differences:

	PRINTED DOOR (RAL 7011)	-	2204214982	1

2205023528 rev00 CUBICLE E14 460V/60 RAL7011: same as 2205023522 with following differences:

	PRINTED DOOR (RAL 7011)	-	2204214982	1

2205023529 rev01 CUBICLE E14 400V/50 RAL5002: same as 2205023521 with following differences:

	PRINTED DOOR (RAL 5002)	-	2204214986	1

2205023598 rev02 CUBICLE E14 400V/50 RAL7035: same as 2205023521 with following differences:

	PRINTED DOOR (RAL 7035)	-	2204214987	1

2205023599 rev02 CUBICLE E14 460V/60 RAL7035: same as 2205023522 with following differences:

	PRINTED DOOR (RAL 7035)	-	2204214987	1

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

INEXPRAP

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

Parent 3D Model	Ed.Version 3D

Tolerances,if not indicated,according to:	General tolerances			
	1350K - v			

Name	SERVICE DIAGRAM	E14 400-460V CE FC	Confidentiality class acc. to 1102 K	
Material	See Drawing		Internal	
Treatment	Not Applicable		ACDE	
Scale	-/-	Family	Compare	Drawing owner / Transferred from
Drawn by		Blank nr.	Replaces	CAI
Drawing format	03.00	Blank wt. Kg	Fini wt. Kg	Designation / Sheet ( ) 01 01
Des checked.		Prod checked.	Approved.	Date 14/02/2020
STATUS	Approved Internal			2205023520

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