

Spare Parts KPC 212-L-U/S

KPC 212 L-U/S, KPC 212 L-U, KPC 212 L-S

Waterchiller for RCA

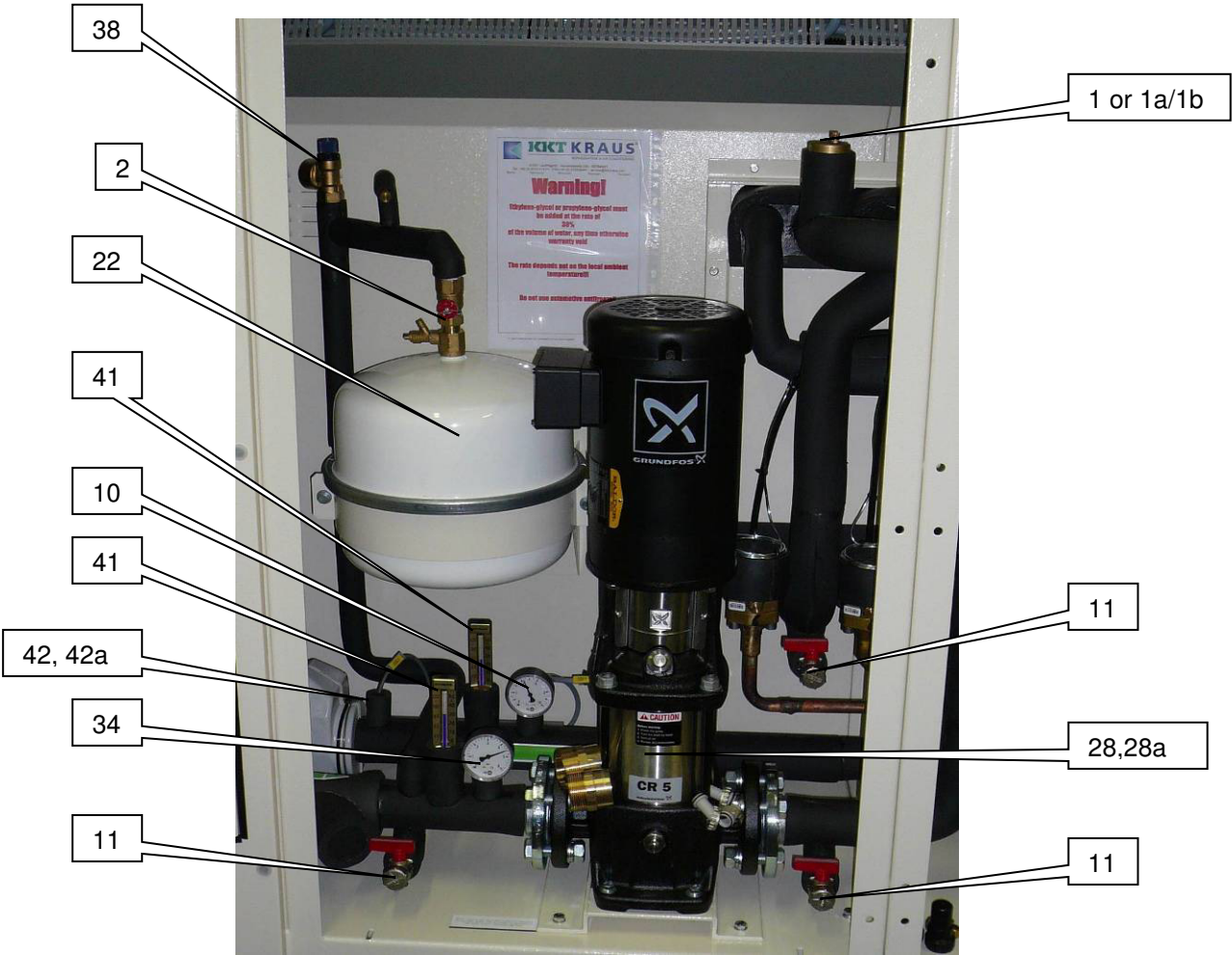
MR Harmony
MR Symphony

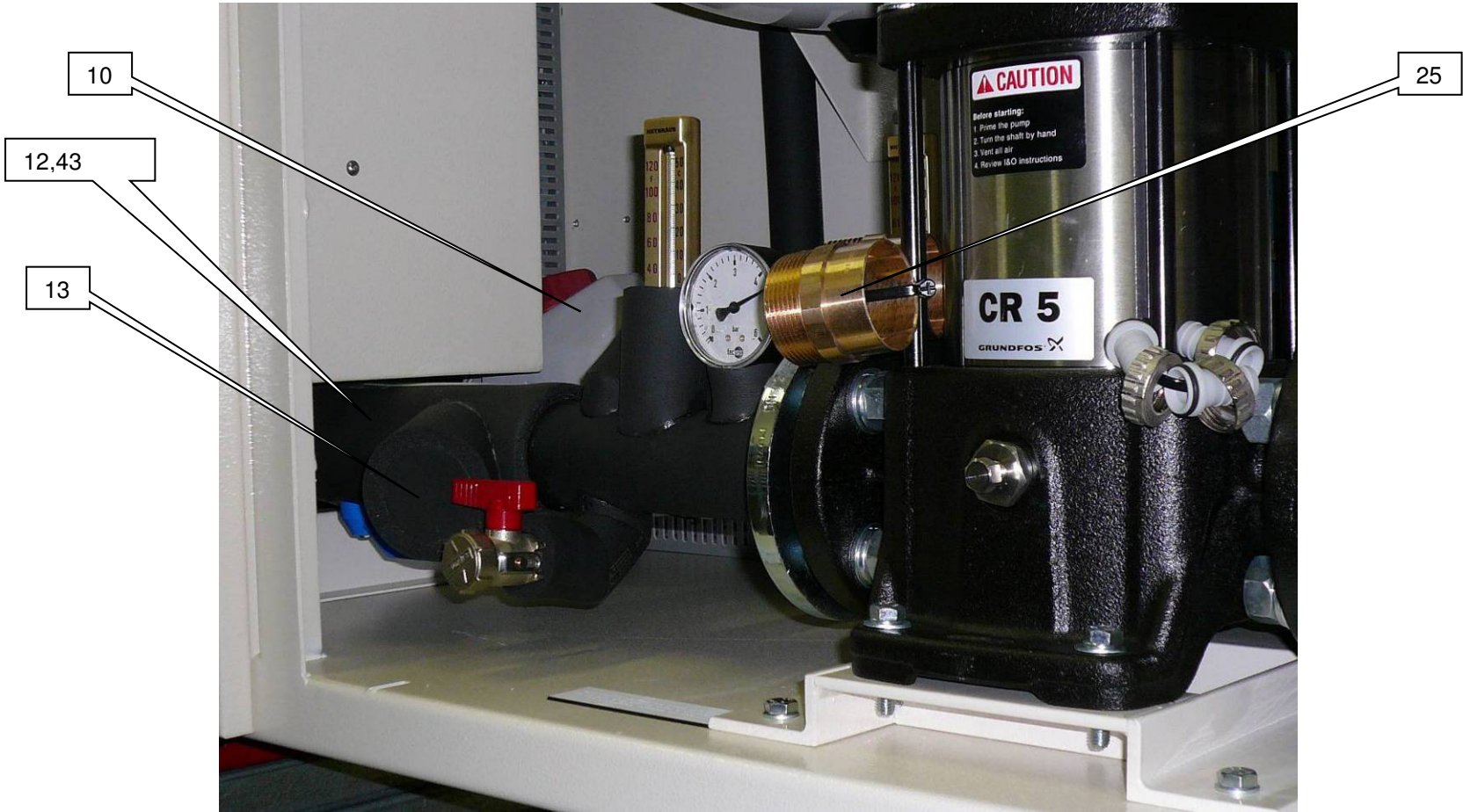


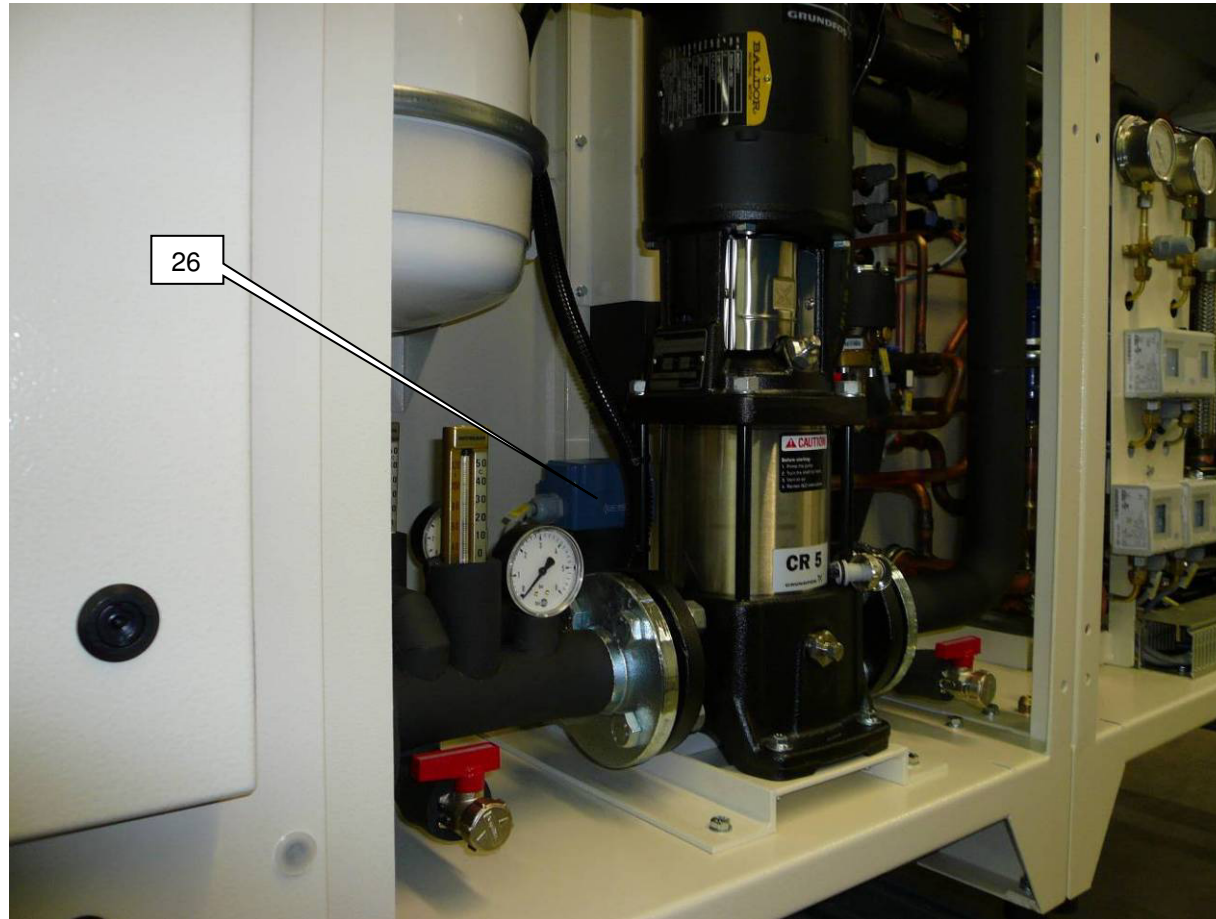
KPC 212-L-U
KPC 212-L-U/S
KPC 215-L-U
KPC 215-L-U/S

Siemens Medical Solutions AG









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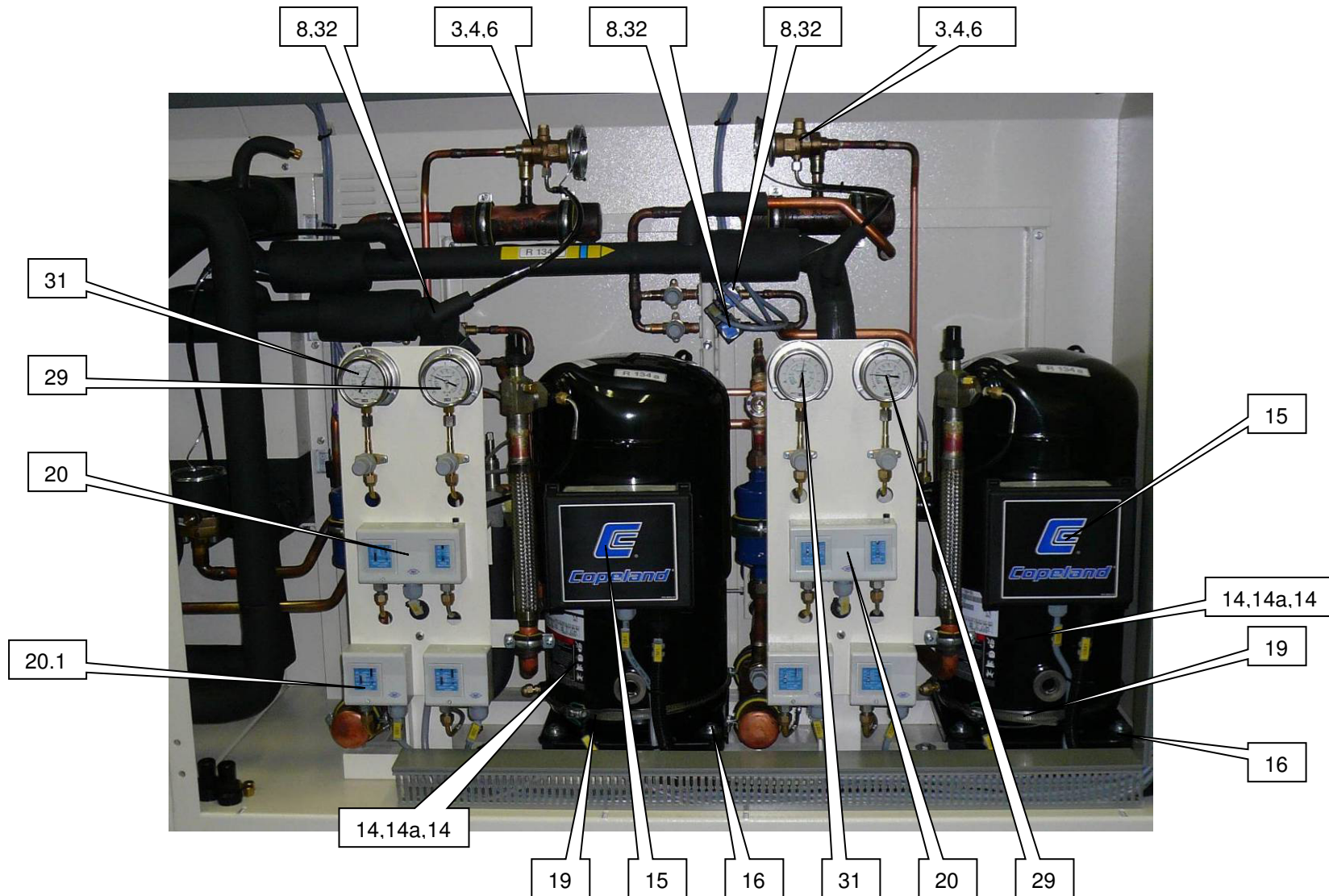


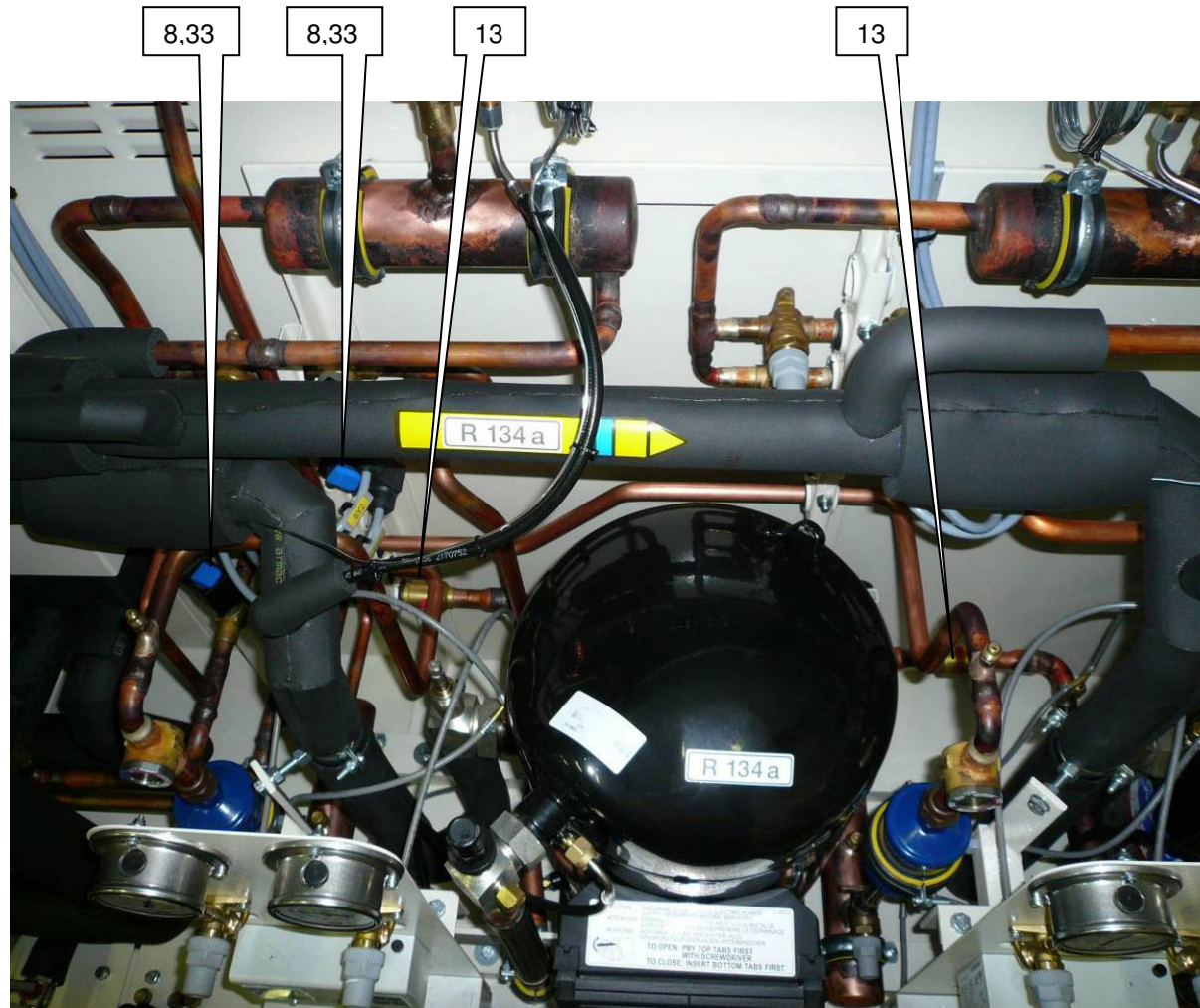
number	description	type	electrical item designation	number scheme	SAP	PDS	remarks
1	air bleeder automatic plastic type (Braukmann 1/8-3/8)	EA122 54632 SEB		141	65493601	382002	
1a	air bleeder automatic brass type (Braukmann 10bar)			141	65493301	381001	
1b	socket for air bleeder No.:2			141	65493401	381010	
2	air fix & relief valve (241100)	KV 2020		125	65465701	376101	
9	angle-thermometer	W 3201 0-50°/NG 110x30mm			65497901	384030	
10	balance valve (flow regulating valve) without insulation	STAD DN 32 1 1/4"		111	65433201	369023	
11	ball valve (drain and fillin valve red handle bar)	KFE DN 15 (KFEKV)		128	65445101	371100	
12	ball valve with handle	MLGVZ 0375013 DN 032/PN 032		124	65446101	371134	DN40 on KPC215
13	Filter strainer	DN32, SFM32		122	65462901	376004	
22	expansions receiver	A18 Airfix		104	65458301	375010	
25	fitting for connecting chiller and piping	42- 1 1/2" no. 94243G/#106638			65228201	329027	
26	flow-control	F 61 SB-9100	5B1	137	65471101	377100	Origin Label
27	high pressure rotary pump (no longer available)	CR4-40A	5M1	100	no longer available	without	
28	high pressure rotary pump 60Hz	CR5-6	5M1	100	65532601	387205	Origin Label
28a	high pressure rotary pump 50Hz	CR5-7	5M1	100	65532801	387207	
34	pressure gauge water 0-6 bar 1/4" connection lower	M 63810 or 1482.074.003 0-6 bar 1/4" water		37	65493701	383001	
35	pressure gauge water 0-10 bar 1/4" connection lower	M 63810 or 1482.075.003 0-10 bar 1/4" water		37	65493801	383002	
38	safty valve 6bar 3/4" - 1"	SVS206 or 28578		108	65457101	374100	
41	straight thermometer 110x30mm	G3200 0-50°/NG		134	65498001	384031	
42	swagelock screw connection 1/4"	B-6M0-1-4RT BT			65124601	314001	please order KKT-65878301 also

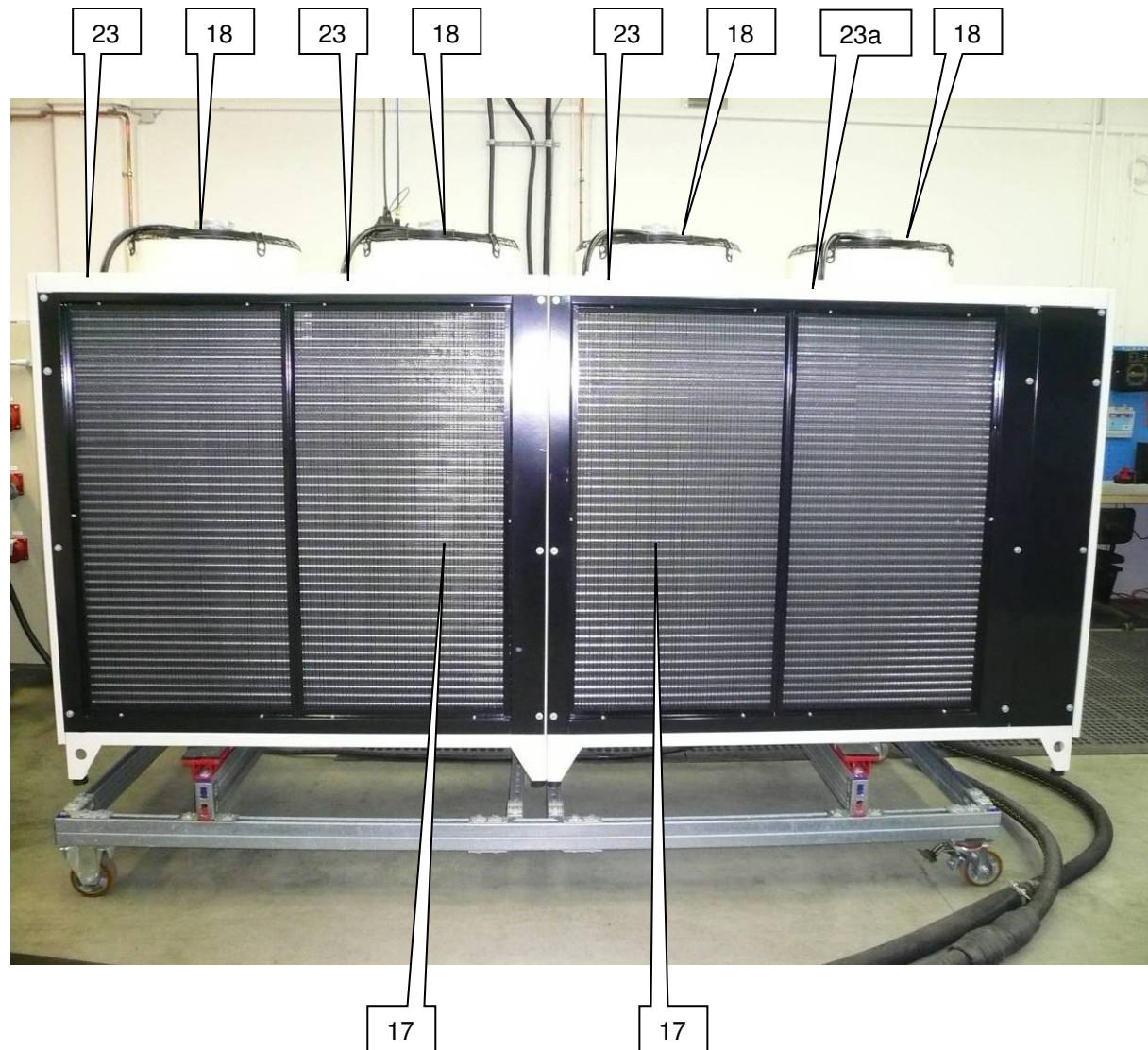
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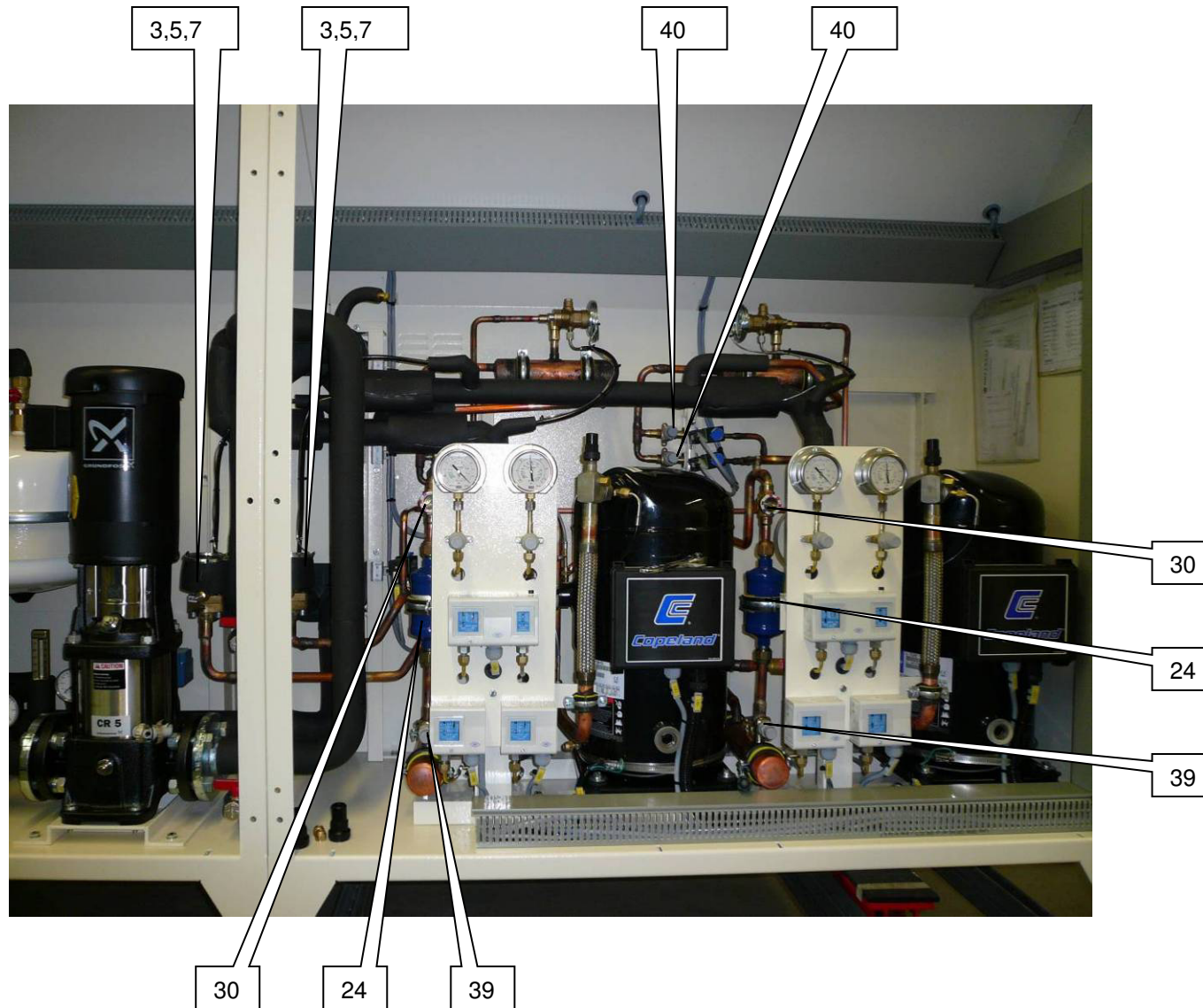


number	description	type	electrical item designation	Number scheme	SAP	PDS	remarks
42a	temperature sensor	TF PT-100 ID-Nr. 195685 (4m)	6B1	138	65878301	459190	
43	valve handle for ball valve MLG-V 032-732	MLG DN 25-32. (blue SW10) #1001793		124	65446001	371133	





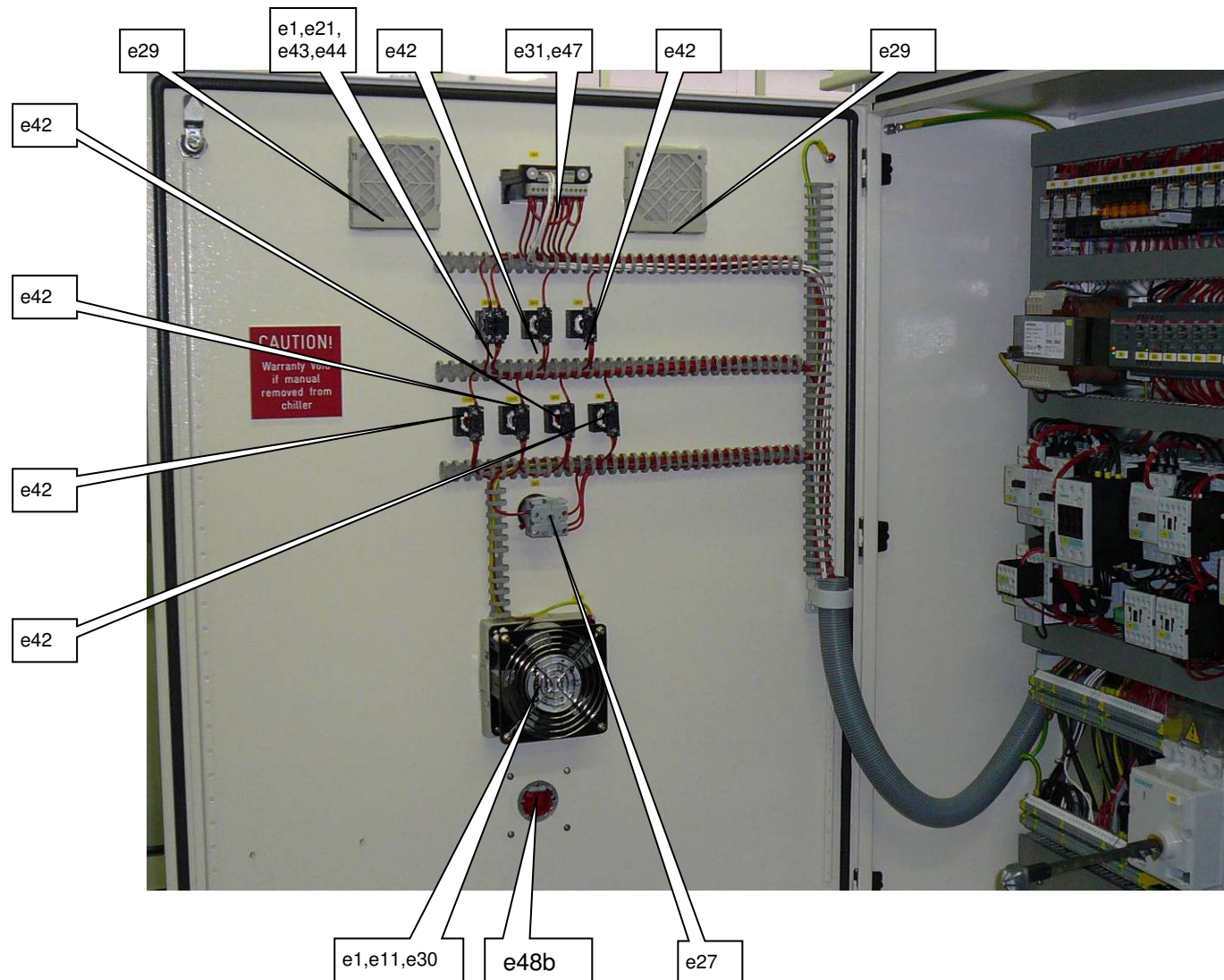






number	description	type	electrical item designation	number scheme	SAP	PDS	remarks
3	alco angle flange 16x22mm	A576MM PCN: 803239		17	66032801	515383	
4	alco cage assembly (inlet) - (goes with 6)	X22440B3B		17	66027701	515302	X22440B3,5B on KPC215
5	alco cage assembly (inlet) for KPC212/KPC215/KCC215 - (goes with 7)	X22440B7B		17	66028201	515307	
6	alco power assembly (TOP)	XB 1019GL-2B		17	66026901	515291	Origin Label
7	alco power assembly (TOP) for KPC212/KPC215/KCC215	XB 1019MW-1B		17	66022101	515200	Origin Label
8	alco solenoid coil / AC	ASC-24VAC (VDE 0580) PCN:801 062		12,16	66042601	522050	Origin Label
13	check valve (non return valve refrigerant)	NRV19 S22 020-1054		10	66082901	532052	
14	compressor	ZR 16 M3E TWD 561	7M1,10M1	1	65986201	501123	Not more available
14	compressor	ZR160KCE-TFD650			67058501		
	Compressor Replacement kit	ZR160			928035		
14a	compressor	ZR 19 M3E TWD 561	7M1, 10M1	1	65986301	501124	Not more available
14 a	Compressor	ZR190 KCE-TFD 650					
	Compressor Replacement Kit	For ZR190			928039		
15	compressor motor protector		7A1,10A1	1	65995001	501902	
16	compressor rubber mounts (pack up mont.part 7,5-15)	527-0159-00		1	65995401	501910	
17	condenser refrigerant	V24 WT 25x22C 46T 4R 1210A 30NC		4	66155001	573111	
18	condenser fan 400V/50Hz D/Y 460V/60Hz D/Y "UL" 60Hz: 0,79/0,51KW; 1,85/0,88A; 50Hz: 1,15/0,66KW; 2,0/1,0; IP 54 CL B; Art.nu. 122004 (new type for DA-255-4/4)	FE 050-VDD.4.1.6/UL	9M1,9M2, 12M1,12M2	4	65052401	207020	Origin Label

number	description	type	electrical item designation	number scheme	SAP	PDS	Remarks
19	crank case heater	230V, 50-60 Hz 8013479 018-0036-00	7E1,10E1	45	65994301	501872	
20	pressure switch dual mode Alco	PS2-C7A PCN: 4353500	8B1,11B1	38,39	66056901	525130	Origin Label
20.1	Pressure switch Alco	PS1 - A5A	9B1,9B2 12B1,12B2		66052401	525005	
21	Evaporator for KPC 212	M 25 x 40 GL		3	66159801	580914	M25-60 on KPC215
23	fan-mounting plate (small nozzle)	00342657			65055901	207901	
23a	fan-mounting plate (nozzle)	00284886			65056101	207903	
24	Filter - dryer 16mm	ADK-Plus 165		32	66067901	530025	
29	high-pressure gauge	111.60.00.02383 / 110-063-D-000003 -1 / 32 bar cold		37	66115701	544002	
30	inspection glass 16mm	AMI-1SS5 (805 716)		31	66076601	531006	
31	low pressure gauge	111.60.00.02384 or 110-063-D-000004 -1 / 9 bar cold		37	66115601	544001	
32	magnetic valve hot gas bypass without coil	200RB3T3 (PCN801239)	8Y2,8Y3,11Y2 11Y3	12	66040701	522002	Origin Label
33	magnetic valve without coil (see no:8 for coil #522050) ← order separate	200RB6T5 (PCN801186)	8Y1,11Y1	16	66041101	522006	Origin Label
39	shutt off valve (refrigerant circuit)	6012/22 (180020)		15	66092901	532426	
40	shutt off valve (refrigerant circuit)	6420/M10		15	66090401	532400	
44	wind guard/wind baffle	for all Chiller exsept KPC115			66582401	802702	without picture
45	wind guard/wind baffle	KPC115			66582301	802701	without picture



number	description	type	electrical item designation	number scheme	SAP	PDS	remarks
e1	accessories for 3SB3 LED lamp, base BA 9S 24V AC/DC, red packing (preferred type)	41 5309 2411	5H2/S2		65693101	423034	
e2	accessory f. 3VF3 CIRC.-breaker terminal covers IP30, 3-pole for main terminals (1set=2items)	3VF9324-1NB10			65695401	423065	
e3	automatic fuse 1-pol. C2A, dimensioned switching capacity 10Ka (ABL)	1CU2	4F1		65624701	406101	Origin Label
e4	auxiliary switch block , 1NC DIN EN50005 cage clamp (click) connection for contactors for switching motors, 1 pole (preferred type)	3RH 1921-2CA01	7K2/10K2		65669501	420651	new model
e5	auxiliary switch block , 1NC DIN EN50005 screw connection for contactors for switching motors, 1 pole (preferred type) ...2CA01 is with cage clamp (click) connection	3RH 1921-1CA01	7K2/10K2		65669401	420650	old model
e6	auxiliary switch block 22E, 1NO+2NC, DIN EN 50012 screw connection for switching motors, 4 pole (preferred type)	3RH 1911-1HA12	5K3		65668201	420611	
e7	auxiliary switch block, 1NO DIN EN50005, cage clamp connection for contactors for switching motors, 1 pole (preferred type)	3RH 1921-2CA10	7K2/10K2		65669701	420661	
e8	auxiliary switch transverse with cage clamp connection 1NO+1NC (preferred type)	3RV 1901-2E	5Q1,7Q1,9Q1,10Q1,12Q1		65670201	420731	
e9	busbar adapter system 108mm wide 60mm system 5+10mm busbar thickness for circuit breaker 3VF3	8US1211-4SB00			65697701	423301	
e10	busbar adapter system 60mm/630 A-System 3-pol. B 54 mm/32 A	32294			65594601	404011	
e11	cabinet fan IP54 150x150x71 with UL 230VAC (100014)	FPF12KR230BE-110	15M1		66582901	802751	Origin Label
e12	cabinet heater 230V/45W spring connection, for mounting rail 35mm UL approval	HG140	15E1		657987B01	445901	
e13	cabinet thermostate 0...60 °C 1NC (cooling) UL approval 230VAC	1147NO	15B2		66589601	803802	

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e14	cabinet thermostate 0...60 °C 1NC (heating) UL approval 230VAC	1146NC	15B1		66589501	803801	
e15	circuit breaker 1,1...1,6A N-rel. 21A, size S00 motor protection class 10, screw connection, standard breaking capacity (preferred type)	3RV 1011-1AA10	4Q2,4Q3		65661701	420230	Origin Label
e16	circuit breaker 2,2...3,2A N-rel. 42A, size S0 motor protection class 10, screw connection, standard breaking capacity (preferred type)	3RV 1021-1DA10	5Q1		65662701	420261	Origin Label
e17	circuit breaker 20,0...25,0A N-rel. 325A, size S00 motor protection class 10, screw connection, standard breaking capacity (preferred type)	3RV 1021-4DA10	7Q1, 10Q1		65664601	420360	Origin Label
e18	circuit breaker 3,5...5,0A N-rel. 52A, size S00 motorprotection class 10, screw connection, standard breaking capacity (preferred type)	3RV 1011-1FA10	9Q1		65663101	420280	Origin Label
e19	COMBICON - plug unit with teaded flange, 3-pole (pin) at grid 5,08mm for 35mm mountin rail	FKCVR2,5/3-STF-5,08 / 18 74 11 2	X2/X3		65579601	401911	
e20	COMBICON - plug unit with teaded flange, 3-pole (pin) at grid 5,08mm for 35mm mountin rail	UMSTBVK2,5/3-GF-5,08 / 17 87 93 7	X2/X3		65579501	401910	
e21	complete unit, round illuminated pushbutton lamphold BA 9S red	3SB3204-6AA20	5HS2		65690901	423001	
e22	contactor AC-3 4KW/400 V 1N0, AC24V, 50/60 Hz 3-pole, size S00 screw connection (prefered type)	3RT 1016-1AB01	9K1,12K1		65656501	420011	Origin Label
e23	contactor AC-3 4KW/400 V 1NC, AC24V, 50/60 Hz 3-pole, size S00 screw connection (prefered type)	3RT 1016-1AB02	9K2,9K3, 12K2,12K3		65656601	420012	Origin Label
e24	contactor AC-3 15 KW/400V AC 230V 50/60Hz 3-pole, size S2 screw connection (preferred type)	3RT 1034-1AL20	7K2/10K2		65658801	420061	Origin Label
e25	contactor relay, 4NO AC 24V, 50/60 Hz, screw connection size S00	3RH 1140-1AB00	8K3,11K3		65667301	420532	
e26	auxiliary switch block	3RH1911-2GA22	8K3,11K3		65668701	420641	
e27	control switch (Remote/ON/OFF) panel mounted	U1/8ZM/NS/X70A/F643	5S1		67066101		
e28	copper busbar (08240/01619)	length: 613 mm 5 x 15 mm			65608101	404101	

number	description	type	electrical item designation	number scheme	SAP	PDS	remarks
e29	exchange filter for PF/PFA 1000, 85 x 85mm 150g/m2				66489501	692010	
e30	exchange filter for PF/PFA 2000, 115x115mm 350g/m²		15M1		66489601	692011	
e32	finder-relay	55.34.8.024.0040	4K1,5K1,5K5,5K6, 6K7,7K1,8K1,10K, 11K1,14K1		65583001	402004	
e33	finder-relay-socket	95.05.0	6K1-6K7		65585801	402721	
e34	flashing relay	1SVR430152R0100	14K2		657862B01	445464	
e35	grip	UK5-MTK-P/P			65559501	401231	
e36	handle for front operation (red/yellow) Klöckner Moeller	RH6- NA	4Q1		no longer available	without	old model
e37	LED with Vaistor 6..24V AC/DC (Finder)	99.02.0.024.98	6K1-6K6		65588101	402811	
e38	min. circuit breaker 400V 6KA, B-characterist., 2 pole, 6 A /N-Type AC	2BU6/ABL	4F2		61000101		
e39	outlet filter IP54 105x105x22mm, cut 92x92mm (100030)	FPF08KRG-100			66582501	802731	
e40	relay (plug in relay) 24 VAC 8 pol. 2-polig (Finder) without LED	40.52.8.024.00.00	6K1-6K6		65582701	402001	
e41	plug-in-relay socket 14 pole (black)	94.84.10	6K7,4K1,5K1,5K5, 5K6,6K7,7K1, 8K1,10K1, 11K1,14K1		65586101	402742	Update_July´10
e42	pushbutton lampholder BA9S clear, complete unit (round illuminated)	3SB 3204-6AA70	4H1,5H1,8H1, 8H2,11H1, 11H2		65691201	423004	
e43	pushbutton lampholder BA9S red, complete unit (round illuminated)	3SB 3204-6AA20	5H2/S2		65690901	423001	
e44	pushbutton with flat pushbutton red 1NC, lampholder BA9S, complete unit (round illuminated)	3SB 3207-0AA21	5H2/S2		65696401	423150	
e45	remote control panel (EB1546) own making	EB1546	13H1		66628301	807201	without picture

number	description	type	electrical item designation	number scheme	SAP	PDS	remarks
e46	Softstarter//sirius cushioned starter, size S2, 32A, 18,5 KW 500V(60Hz)	3RW4027-1BB15	7U1,10U1		66988701	421121	alternate to 7K1,10K1 Origin Label
e46a	Softstarter//sirius cushioned starter, size S2, 32A, 18,5 KW 400V(50Hz)	3RW3034-1AB14	7U1,10U1		65682601	421122	
e47	six-stage thermostat	ST710-PWHVM.26	6N1		65901501	459100	Origin Label
e48	switch-disconnector 3phase 80A with UL508-appobation	3VF3131-1FQ41-0AA0	4Q1		65665601	420380	Origin Label
e48a	Complete handle	3VF9323-1FA00	4Q1		65697401	423250	
e48b	Red handle with yellow panel	8UC6220-3BD	4Q1		65701301	423606	
e49	switch-disconnector * Klöckner Moeller 3phase 100A with UL-appobation	N6-100-CNA	4Q1		no longer available	without	old model
e50	phase sequenz relay	CT-ASN 1SVR450424R0700	4A1		657857V01	445451	Origin Label
e50a	phase monitoring relay, power supply: 400V 50/60Hz / monitoring voltage: 400V 50/60Hz /	BD9080.12/61	5A1		657954B01	445801	
e51	thermistor motor protection standard evaluation unit manual, 1NO+1NC, DC 24V screw connection (preferred type)	3RN1011-1CB00	9F1,12F1		65699301	423510	Origin Label
e53	time relay (off-delay) 1W 24/230VAC with auxiliary voltage	CT-AHS 1SVR430113R0100 CT-AHS.22S 1SVR730110R3300	5K2		65787101	445505	Origin Label
e54	time relay (on-delay) 2W 24/230VAC	CT-ERS 1SVR430103R0200	5K4		657872B01	445510	Origin Label
e55	time relay (on-delay) 1W 24/230VAC	CT-ERS 1SVR430102R0100	8K2,8K4,8K5, 11K2,11K4, 11K5		657858B01	445454	Origin Label
e56	transformer for control voltage 315VA	4AM4342-8DN00-OEAO	4T2		65681401	421021	Origin Label
e57	transformer for control voltage 400 VA	4AM4641-8AC4 0-0C	4T1		65681601	421032	Origin Label