

Spare Parts SC 218  
Only USA 60Hz

## **KKT WaterChiller with SEP configuration**

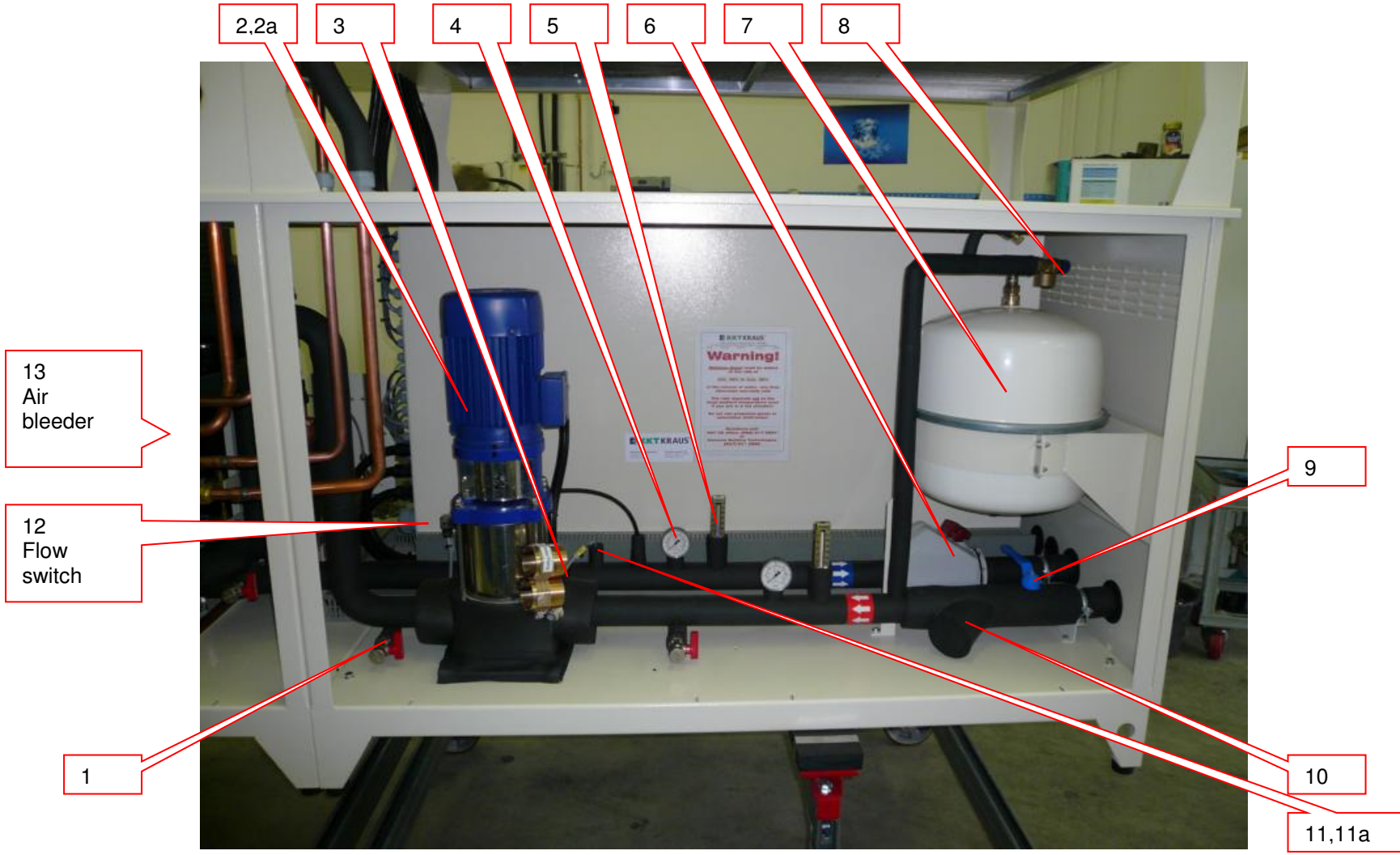
**MAGNETOM Avanto 1.5T - A Tim System**  
**MAGNETOM Espree 1.5T - A Tim System**  
**MAGNETOM Trio 3T - A Tim System**  
**MAGNETOM Verio 3T - A Tim System**



SC 218-L-U/S (US Market)  
SC 218-L-S (R.O.W. Market)

Siemens AG - Healthcare Sector

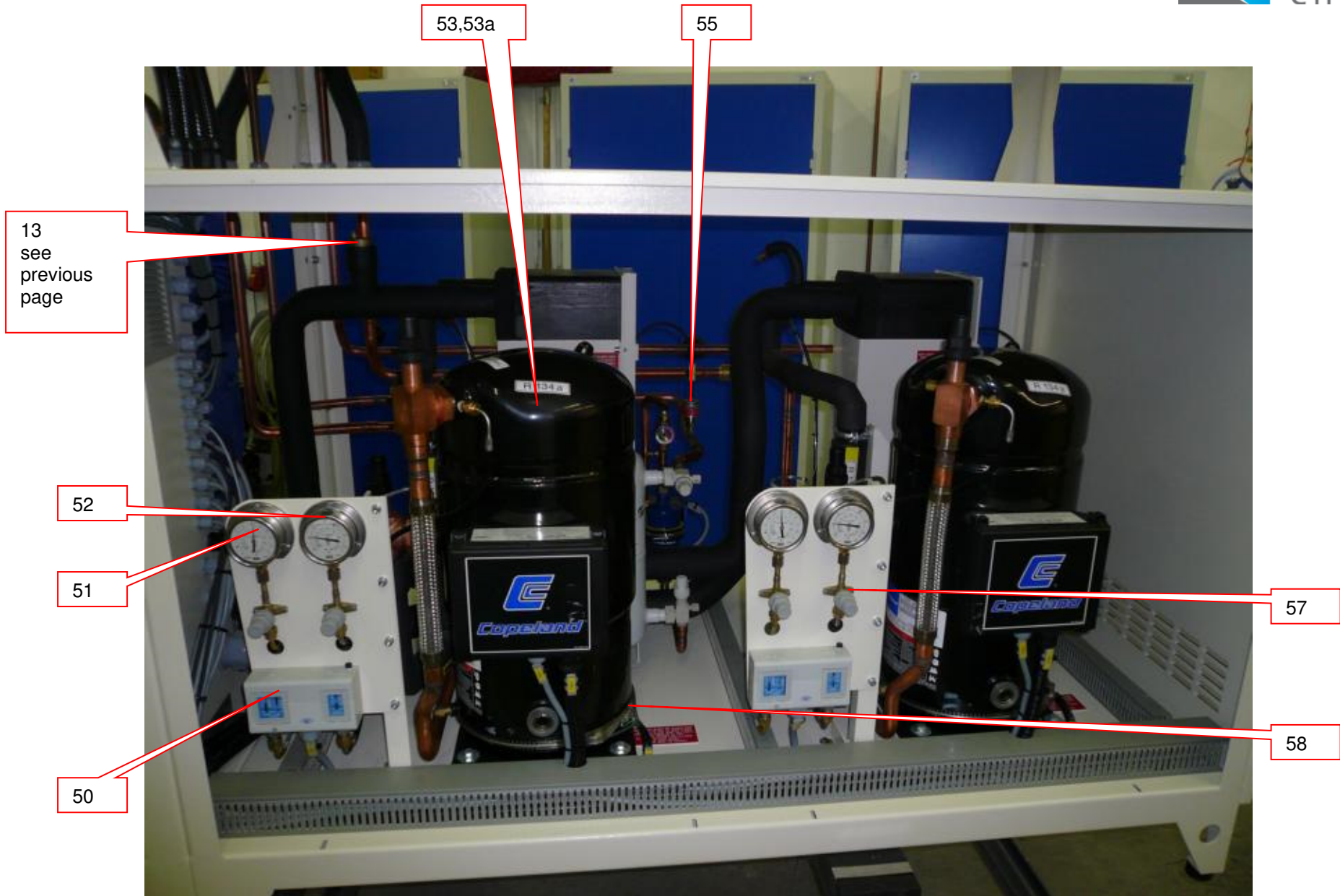


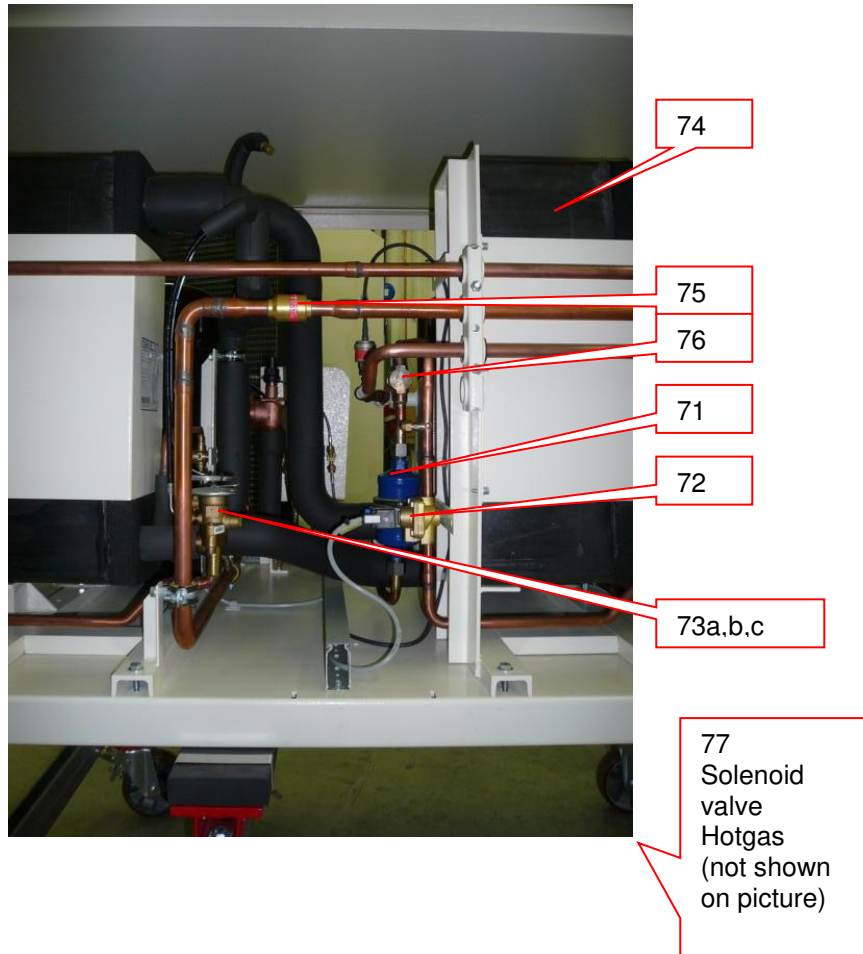


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number	description	type	electrical item designation	number scheme	SAP	PDS	remarks
1	ball valve (drain and fillin valve red handle bar)	KFE DN 15 (KFEKV)			65445101	371100	
2	high pressure rotary pump Frequency 60 Hz in (UL-configuration) Motor is not separate available!	IN-V 10-50			65548601	389010	
2a	high pressure rotary pump Frequency 50 Hz in (UL-configuration) Motor is not separate available!	IN-V 10-70 - Speck			61005901		
3	Brass connector for Chiller	2" AG - 54mm			65228501	329030	
4	pressure gauge water 0-10 bar 1/4" connection lower	M 63810 or 1482.075.003 0-10 bar 1/4" water			65493801	383002	
5	straight thermometer 110x30mm	G3200 0-50°C			65498001	384031	
6	balance valve (flow regulating valve) without insulation	STAD DN 40 1 1/2"			65433301	369025	
7	expansions receiver	A35 Airfix			65458601	375030	
8	safety valve 6bar 3/4" - 1"	SVS206 or 28578			65457101	374100	
9	valve handle for ball valve MLG-V 032-740	MLG DN 40. (blue SW10) #1001795			65446201	371135	
10	Filter strainer	MS 2" - SFM50			65463101	376006	
11	swagelock screw connection 1/4"	B-6M0-1-4RT BT			65124601	314001	please order KKT-65124601 also
11a	temperature sensor	TF6 PT-100 ID-Nr. 195685 (4m)			65878301	453011	
12	flow-control	VHS07M2KKTKR01			65471701	377122	is behind the pump origin label
13	air bleeder automatic (Braukmann 1/8-3/8)	E 121 3/8"			65493301	381001	please order KKT-65493401 also



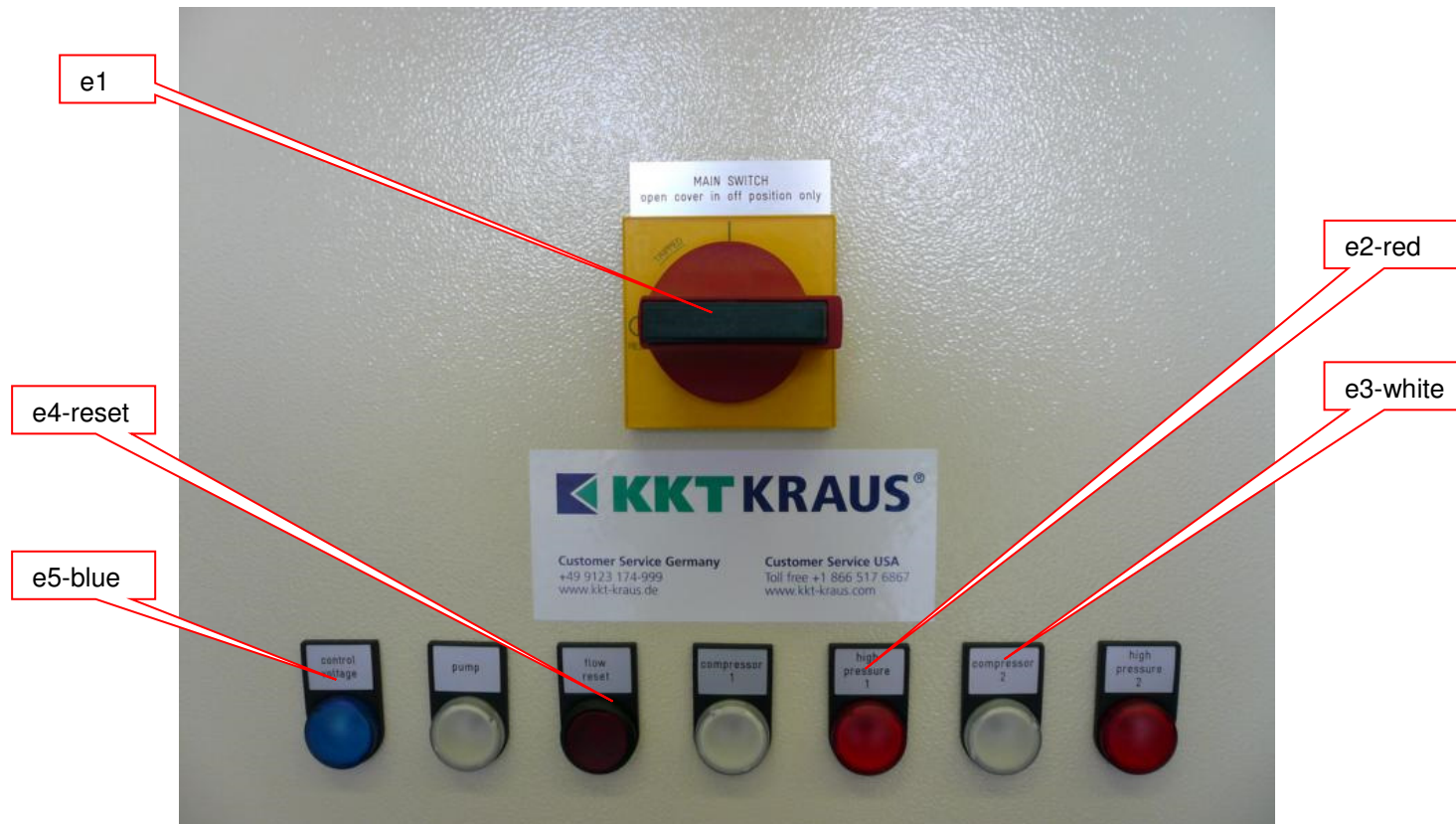


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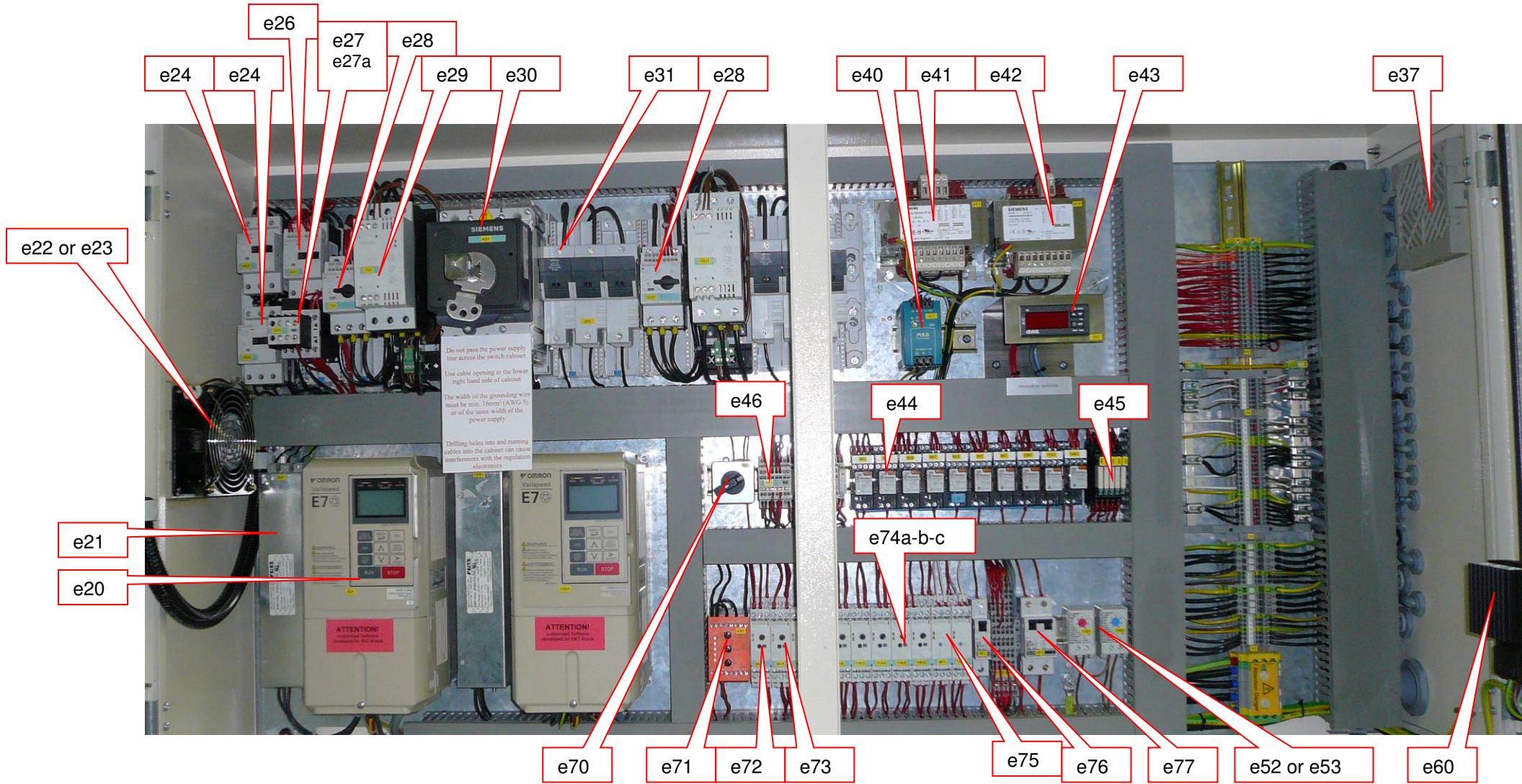


number	description	type	electrical item designation	number scheme	SAP	PDS	remarks
50	pressure switch dual mode Alco	PS2-C7A PCN: 4353500			66056901	525130	
51	low pressure gauge	111.60.00.02384 or 110-063-D-000004 -1 / 9 bar cold			66115601	544001	
52	high-pressure gauge	111.60.00.02383 / 110-063-D-000003 -1 / 32 bar cold			66115701	544002	
<del>53</del>	<del>Compressor 60Hz R134a — Don't forgett Contactor!</del> with motorprotection relay 24V AC	<del>ZR 19 M3E TWD 561</del>			<del>65986301</del>	<del>501124</del>	<del>Only for SC218L U/S</del>
53	Compressor 60Hz	ZR190 KCE-TFD650			67058601		
53a	Compressor replacement Kit				928037		
53a	Compressor rubber mounts				67153901		
<del>54</del>	<del>Compressor 50Hz R407C — Don't forgett Contactor!</del> with motorprotection relay 24V AC	<del>ZR 16 M3E TWD 561</del>			<del>65986201</del>		<del>Only for SC218L followed by U or followed by S</del>
54	Compressor 50 Hz	ZR160 KCE-TFD650			67058501		
54a	Compressor Replacement kit				928036		
55	pressure transducers (transmitter)	AKS 3000 # 060G3619			66063601	526020	
57	shutt off valve (refrigerant circuit)	6012/22 (180020)			66092901	532426	
58	Crane case heater	230V, 50-60 Hz8013479 018-0036-00			65994301	501872	
71	filter-dreyer 16mm	ADK-Plus 165			66067901	530025	
72	magnetic valve without coil	240RA8T5 (PCN801160)			66041201	522007	
73a	alco angle flange 16x22mm	A576MM PCN: 803239			66032801	515383	
73b	alco cage assembly (inlet) for KPC212/KPC215/KCC215/SC218	X22440B7B			66028201	515307	
73c	alco power assembly (TOP) for KPC212/KPC215/KCC215/SC218	XB 1019MW-1B			66022101	515200	
74	Evaporator	M 25-60GLX			66159101	580907	

number	description	type	electrical item designation	number scheme	SAP	PDS	remarks
75	check valve (non return valve refrigerant)	NRV19 S22 020-1054			66082901	532052	
76	inspection glass 16mm	AMI-1SS5 (805 716)			66076601	531006	
77	magnetic valve hot gas bypass without coil	200RB3T3 (PCN801239)			66040701	522002	
72 77	ATTENTION! Only the COIL!!!! alco solenoid coil / AC	ASC-24VAC (VDE 0580) PCN:801 062			66042601	522050	
80	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	FE 050-VDD.4.1.6/UL			65052401	207020	
90	condenser refrigerant	VH24 30x26C-27T-4R-1325A-2.0P-9NC connection right			66152701	573000	
100	condenser refrigerant	VH24 30x26C-27T-4R-1325A-2.0P-9NC connection left			66152801	573001	







number	Description	type	electrical item designation	number scheme	SAP	PDS	remarks
E1	Disconnect – Complete Handle (ONLY HANDLE)	3VL9300-3HG04	4Q1		65700801	423580	
E2 red	pushbutton lampholder BA9S red, complete unit (round illuminated)	3SB3204-6AA20	8H2,11H2		65690901	423001	
E3 white	pushbutton lampholder BA9S white, complete unit (round illuminated)	3SB3204-6AA70	5H1,8H1, 11H1		65691201	423004	
E4	round pushbutton with flat pushbutton, black, 1NO, complete unit	3SB3202-0AA11	5S2		65696801	423180	
E5 blue	pushbutton lampholder BA9S blue, complete unit (rond illuminated)	3SB3204-6AA50	4H1		65691301	423005	

number	Description	type	electrical item designation	number scheme	SAP	PDS	remarks
E20 + E21	frequency inverter 2,2 KW, 5,3A (replacement set)	CIMR-E7-C42P21 inclusive EMV-filter	20U1, 23U1 20A1, 23A1		928055		Origin Label
<del>E21</del>	<del>EMC filter</del>	<del>3F460-010-250</del>	<del>20A1, 23A1</del>		<del>65964001</del>	<del>464731</del>	<del>Origin Label</del>
E22	cabinet fan IP54 150x150x71 with UL 230VAC (100014)	FPF12KR230BE-110	6M1		66582901	802751	Origin Label
E23	exchange filter for PF/PFA 2000, 115x115mm 350g/m <sup>2</sup>		---		66489601	692011	
E24	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	5Q2, 5Q3		65661701	420230	Origin Label
E26	circuit breaker 5,5...8,0 N-rel.	3RV 1011-1HA10	5Q1		65663501	420300	
E27	contactor AC-3 4KW/400 V 1N0, AC24V, 50/60 Hz 3-pole, size S00 screw connection (preferred type)	NEU 3RT2016-1AB01 ALT 3RT 1016-1AB01	5K3		67100801 65656501	420011	Origin Label
E27a	Auxillary switch 22E	Neu 3RH2911-1HA11 ALT 3RH1911-1HA12	5K3		67099901 65668201	420611	
E28	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

number	Description	type	electrical item designation	number scheme	SAP	PDS	remarks
E29	contactor AC-3 15 KW/400V AC 230V 50/60Hz 3-pole, size S2 screw connection (preferred type)	3RT 1034-1AL20	10K2,7K2		65658801	420061	Origin Label
E29	Softstarter//sirius cushioned starter, size S2, 32A, 18,5 KW 500V AC 460...575V UC 110...230 V screw connection (60Hz)	3RW4027-1BB15	18U1, 21U1		66988701	421121	Origin Label
E30	switch-disconnector 3phase 100A (WITHOUT HANDLE)	3VL1710-1DE33-0AA	4Q1		65700201	423565	Origin Label
E31	Ambus J-carrier for 60 mm/630 A-system fuseholder class J for fuses UL248-8 3-pole				65616301	404901	
E37	exchange filter for PF/PFA 1000, 85 x 85mm 150g/m2		---		66489501	692010	
E40	Power supply 24VDC-30W	ML30.100			657878B01	445601	
E41	transformer 1-ph. SITAS-transformer control- //insulating transf. PN=0,4 KVA VDE/UL/CSA PRI 550-525-500- 480- 440-415-400-380-230-208 V sec 2x115 EN 61558- 2-1, -2-2, -2-4 protection IP00 screw connection (preferred type)	4AM4642-8DD40-0FA0	5T1		65681601	421032	Origin Label
E42	transformer for control voltage 315VA	4AM4342-8DN00-0EA0	4T2		65681401	421021	
E43	Temperature Controller	XC650C-1C00D (Dixeil)			657900B01	445659	
E43	Temperature Controller	ST710-PWHVM.26 (Störk)			65901501	459100	

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E44	finder-relay - 14 pol.	55.34.8.024.0040			65583001	402004	
E44	finder-relay-socket - 14 pol.	94.04.0			65586101	402742	
E46	contactor relay, 4NO AC 24V, 50/60 Hz, screw connection size S00	3RH 1140-1AB00	e.g. 8K3		65667301	420532	
E46	Auxillary switch	3RH1911-2GA22	e.g. 8K3		65668701	420641	
E52	cabinet thermostate 0...60 °C 1NC (heating) UL approval 230VAC	1146NC			66589501	803801	
E53	cabinet thermostate 0...60 °C 1NC (cooling) UL approval 230VAC	1147NO			66589601	803802	
E60	cabinet heater 230V/45W spring connection, for mounting rail 35mm UL approval	HG140	6E1		65798701	445901	
E70	Control switch	U1/8VZ/NS/X70A/F643	5S1		65617001	405002	
E71	phase monitoring relay, power supply: 480V 50/60Hz / monitoring voltage: 480V 50/60Hz /	BD9080.12/61	4A1		657955B01	445802	OK

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E72	Pump turn off delay (time relay)	3RP1505-1AP30	5K2		65685701	421431	
E73	Turn on delay - Flow switch (time relay)	3RP1525-1BP30	5K4		65686001	421441	
E74a	Delay low pressure (time relay)	3RP1525-1AP30	8K2,11K2		65685901	421436	
E74b	Start-help (time relay)	3RP1525-1AP30	8K4,11K4				
E74c	Re-start Compressor (time relay)	3RP1525-1AP30	8K5,11K5				
E75	Thermistor protection for FAN`s	3RN1011-1CB00	9F1,12F1		65699301	423510	
E76	Fuse 1-pol. 2A	1CU2	4F1		65624701	406101	
E77	Fuse 2-pol. 6A	2BU6	4F2		65624101	406012	