

Spare Parts KSC 215-L-U/S

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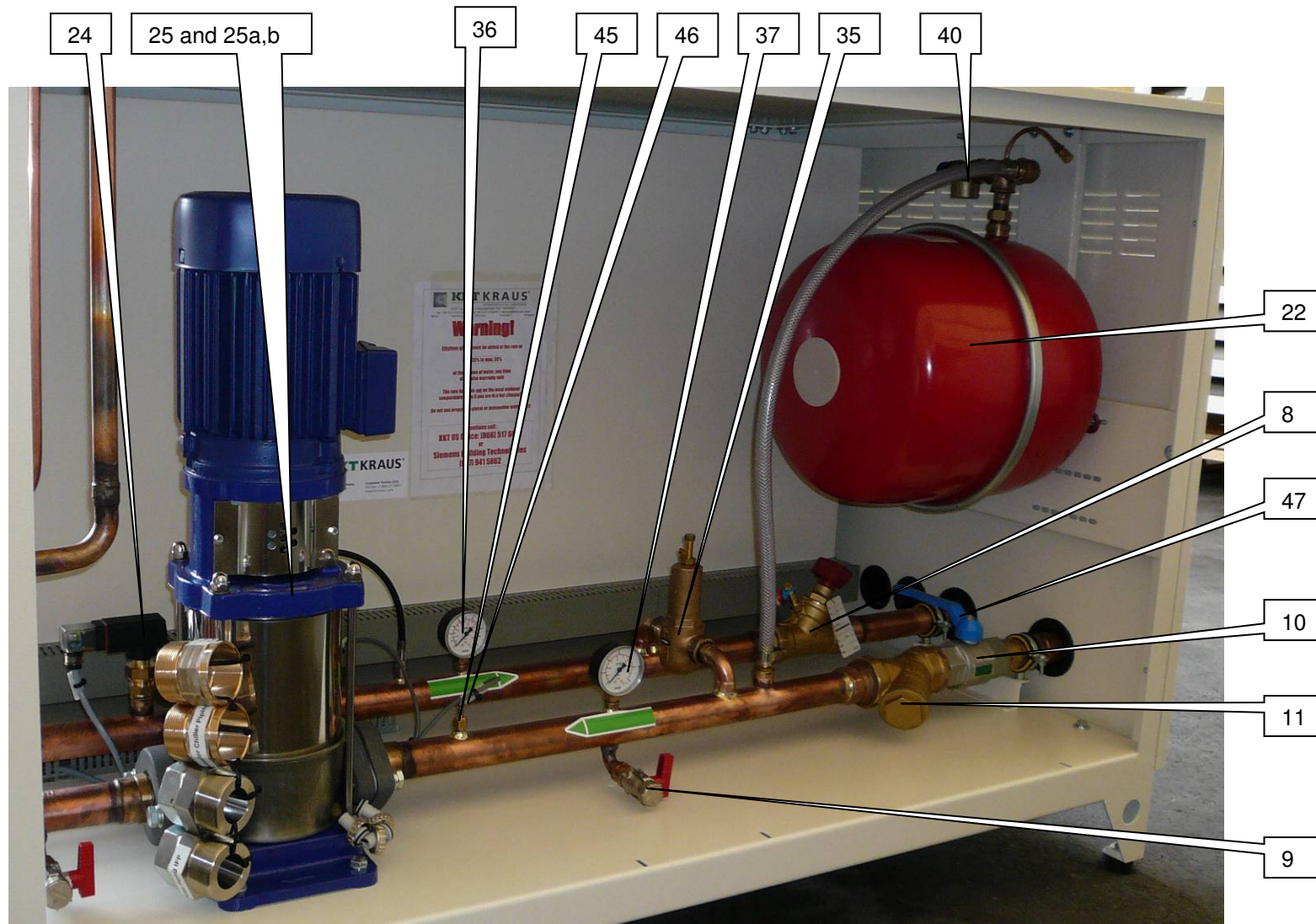
KKT WaterChiller for

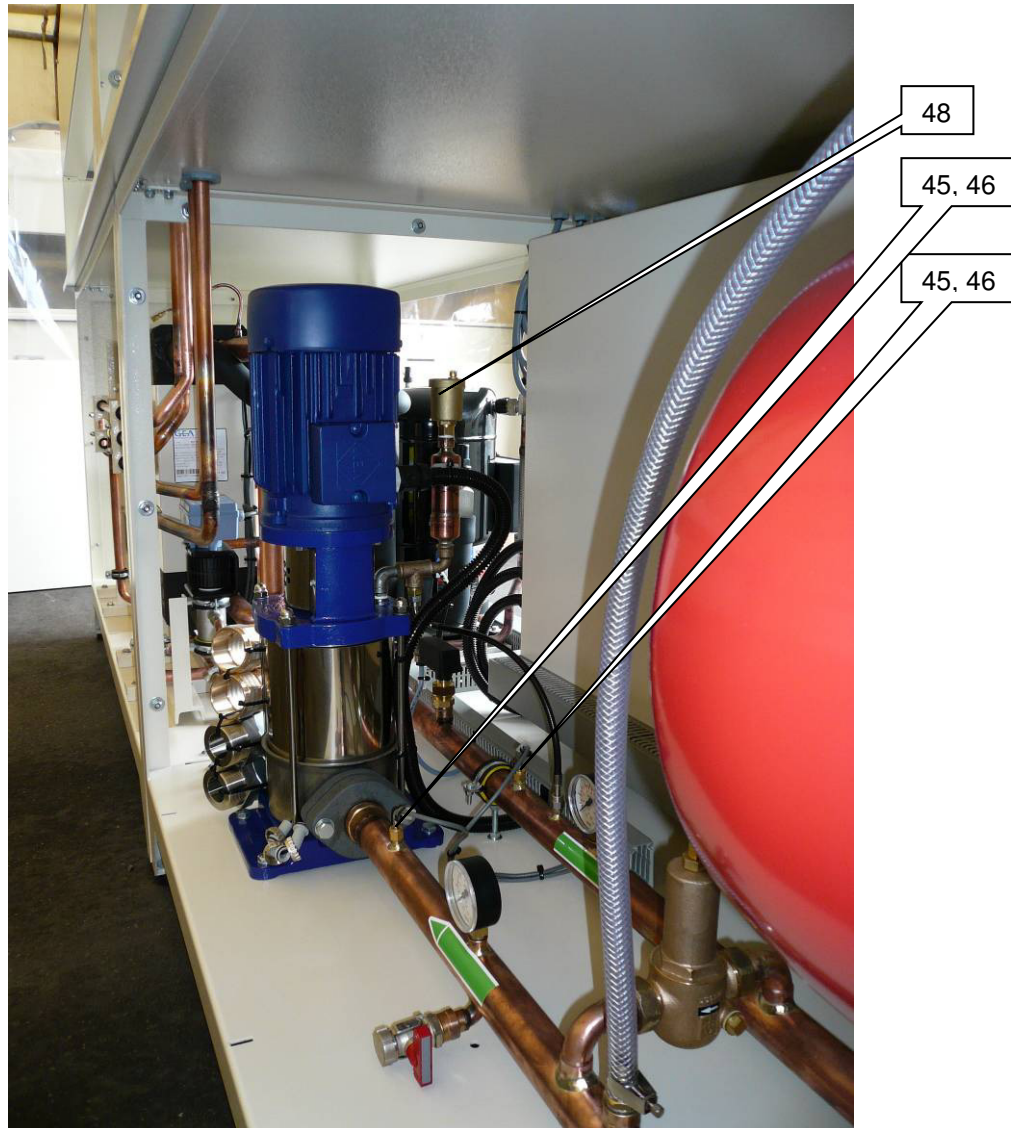
MAGNETOM Avanto 1.5T - A Tim System
MAGNETOM Espree 1.5T - A Tim System
MAGNETOM Trio 3T - A Tim System
MAGNETOM Verio 3T - A Tim System



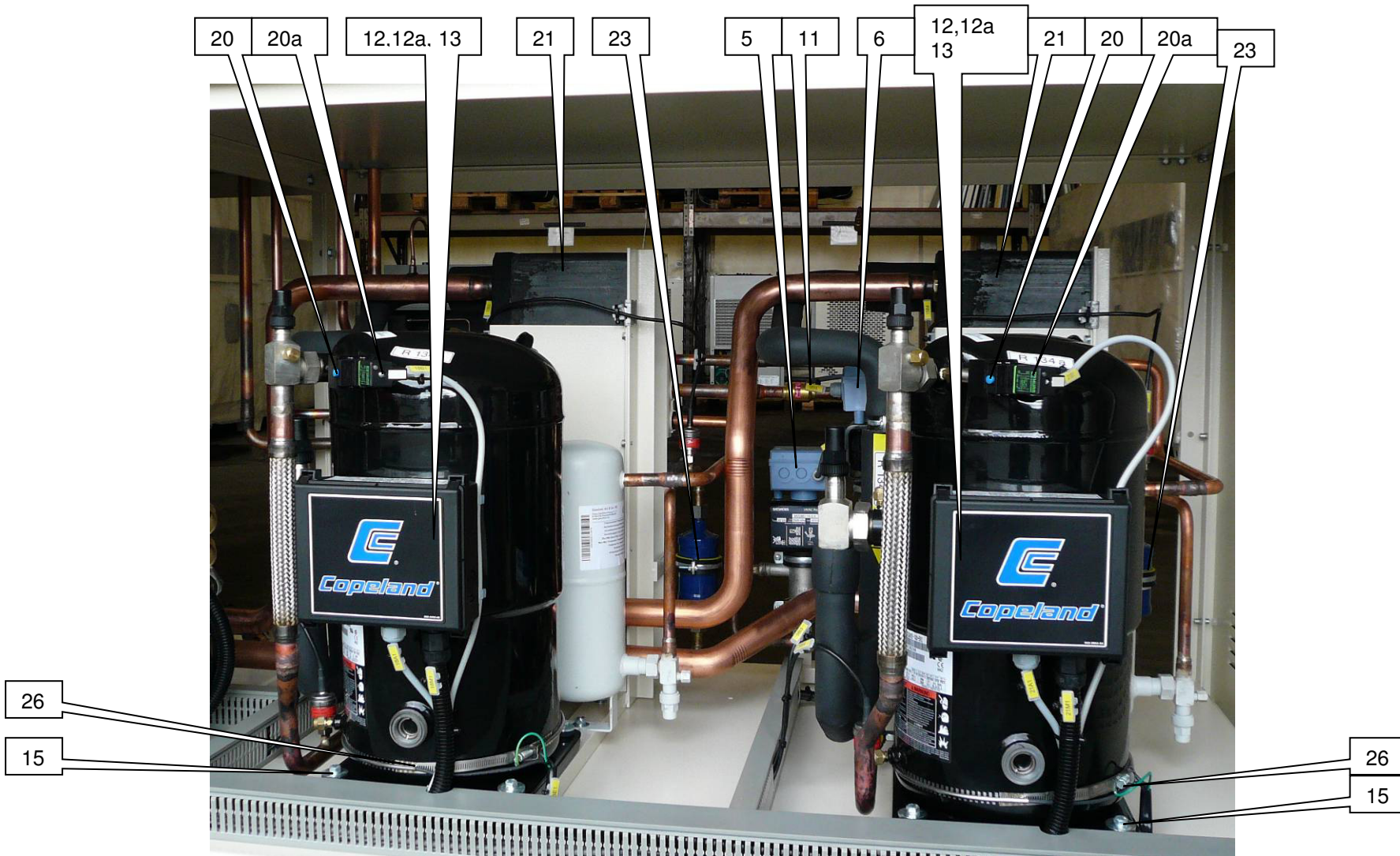
Siemens AG - Healthcare Sector

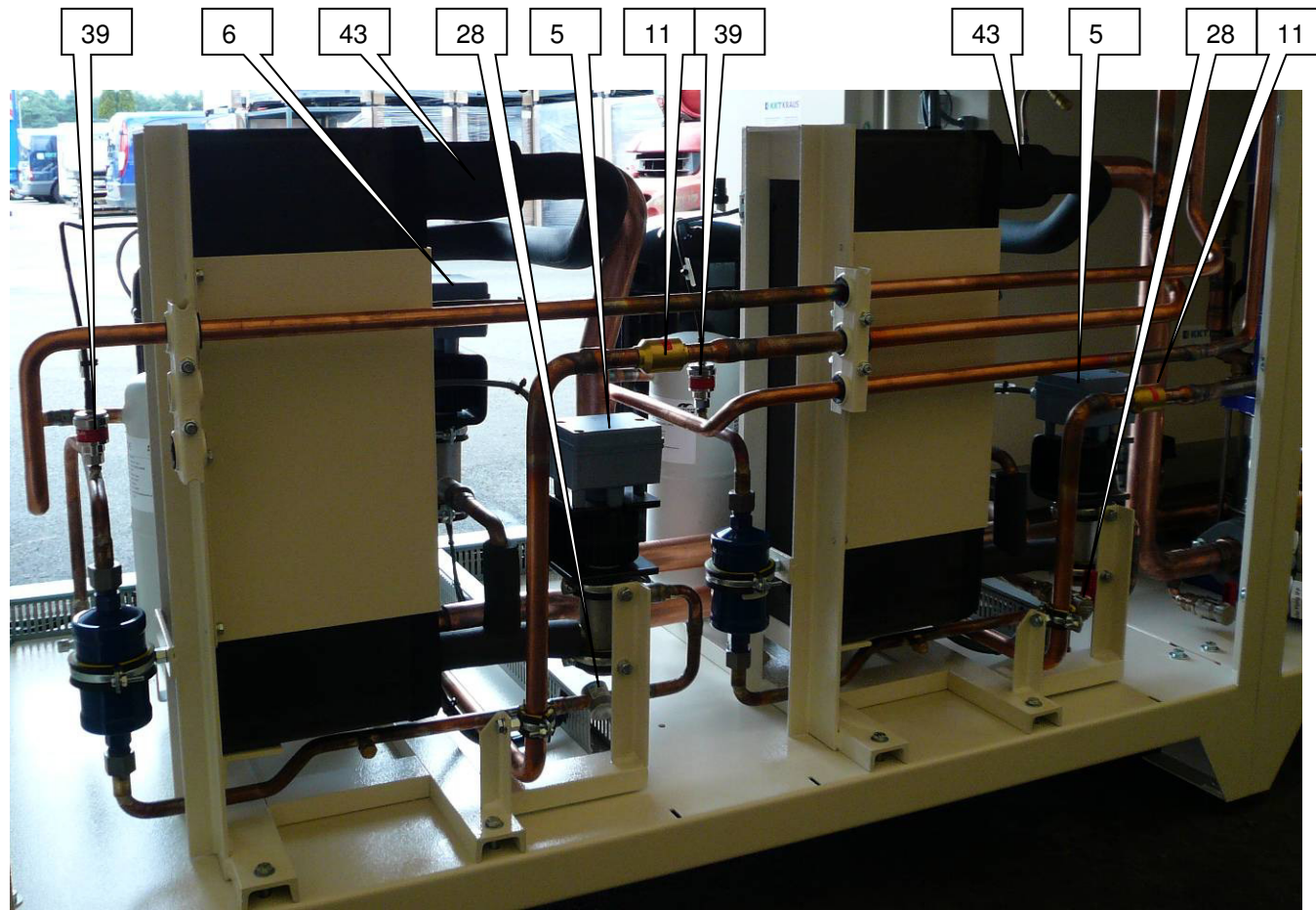






number	description	type	electrical item designation	number scheme	SAP	PDS	remarks
8	balance valve (flow regulating valve) without insulation	STAD DN 40 1 1/2"	---	111	65433301	369025	
9	ball valve (drain and fillin valve red handle bar)	KFE DN 15 (KFEKV)	---	128	65445101	371100	
10	ball valve with handle	MLGVZ 0375014 DN 040/PN 032	---	124	65446201	371135	
11	Filter strainer	MS 2" - SFM50	---	122	65463101	376006	
22	expansions receiver KSC 215	Flexcon TOP 35, 6bar	---	104	65461201	375281	
24	flow-control	VHS07M2KKTKR01	10B1	137	65471701	377122	is behind the pump origin label
25	high pressure rotary pump frequenz 60 Hz/50Hz in (UL-configuration)	IN-V 10-50; CR10-07	17M1	100	no longer available	389010	Previous model
25a	High pressure pump (400V/50Hz)	CM10-05	17M1	100	67152701		
25aa	Pump Replacment Kit for KSC215L-S				928056		
25b	High pressure pump (460V/60Hz)	CR10-5	17M1	100	61123601		USA Version
35	overflow valve / water circuit	RG 3/4" 3-9bar	---	109	65432501	369011	
36	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	
37	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	
40	safty valve 6bar 3/4" - 1"	SVS206 or 28578	---	108	65457101	374100	
45	swagelock screw connection 1/4"	B-6M0-1-4RT BT	---	138	65124601	314001	please order KKT-65878301 also
46	temperature sensor	TF6 PT-100 ID-Nr. 195685 (4m)	15B1,15B2	138	65878301	453011	
47	valve handle for ball valve MLG-V 032-740	MLG DN 40. (blue SW10) #1001795	---	124	65446201	371135	
48	air bleeder automatic (Braukmann 1/8-3/8)	E 121 3/8"	---	141	65493301	381001	please order KKT-65493401 also

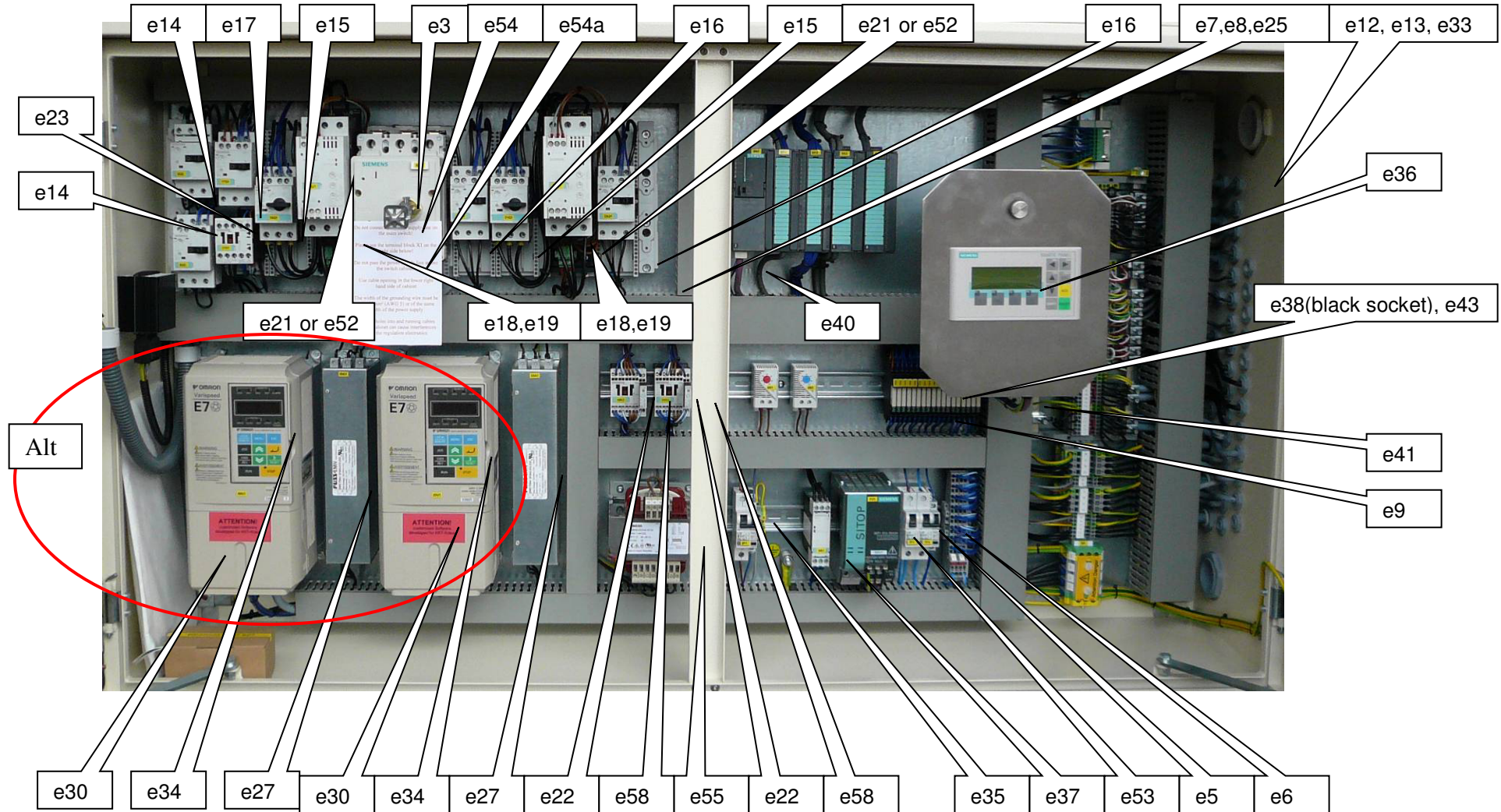


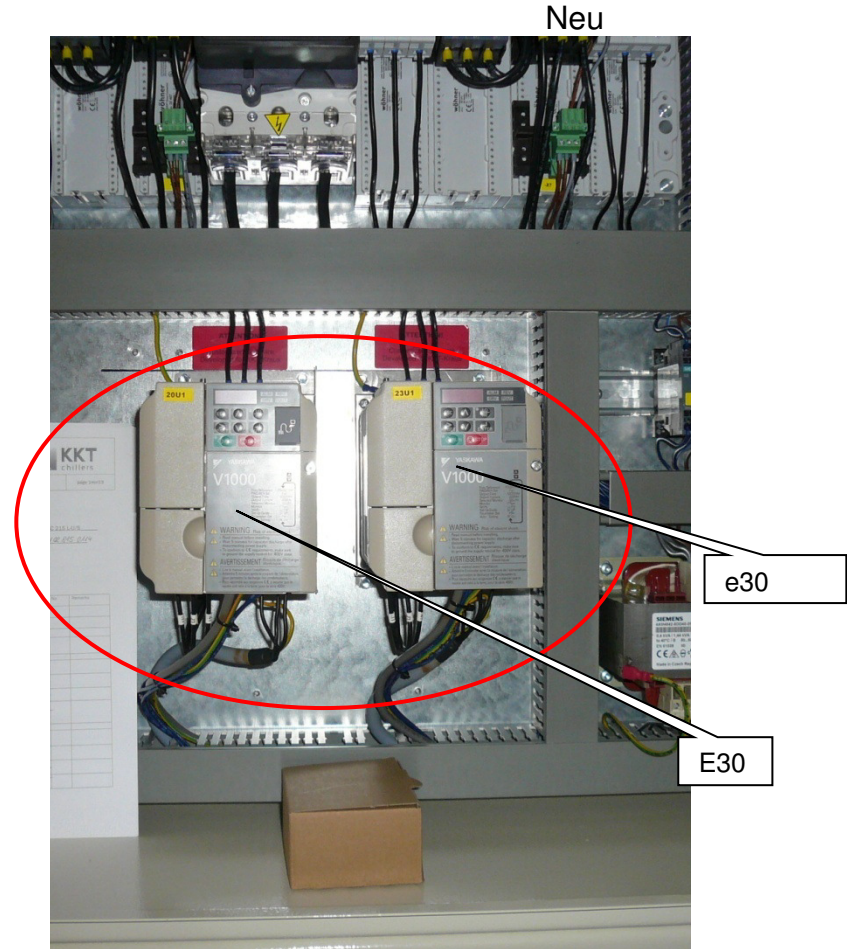
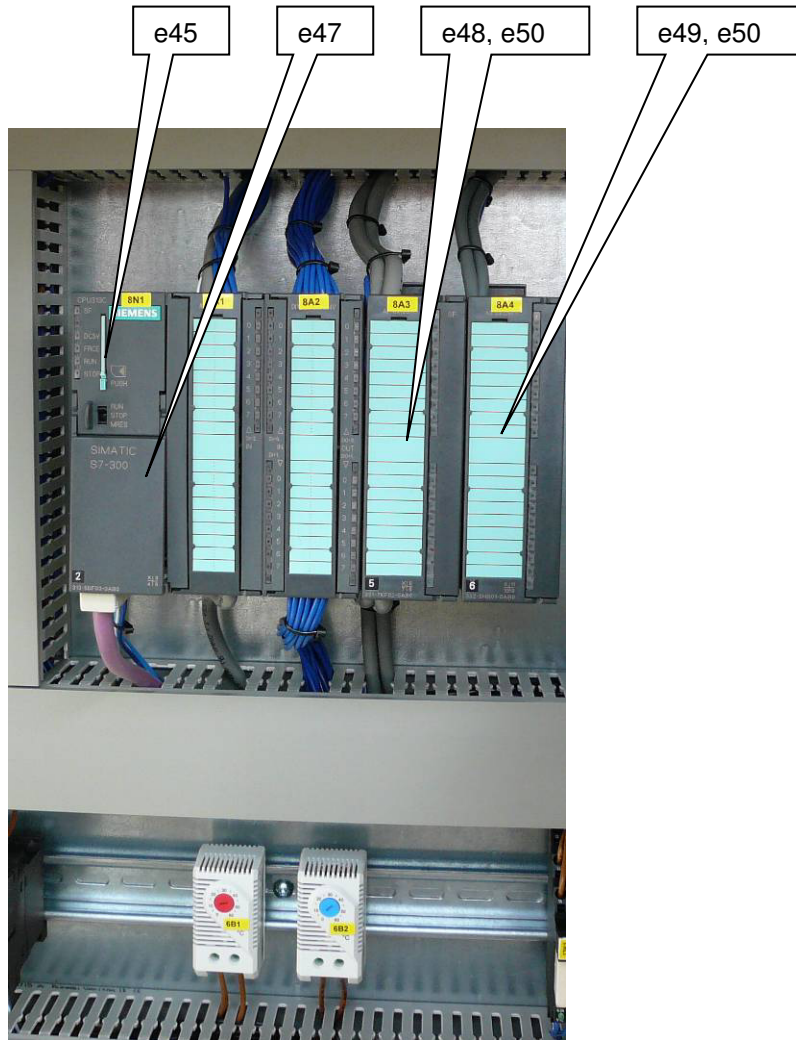


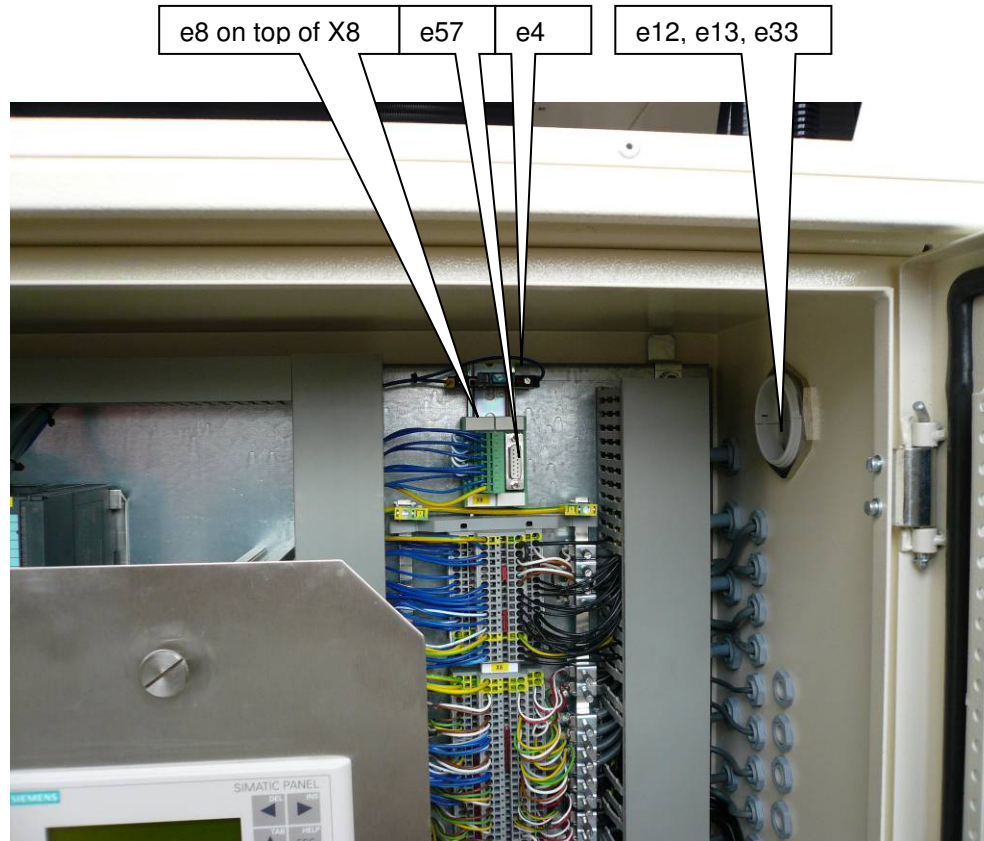


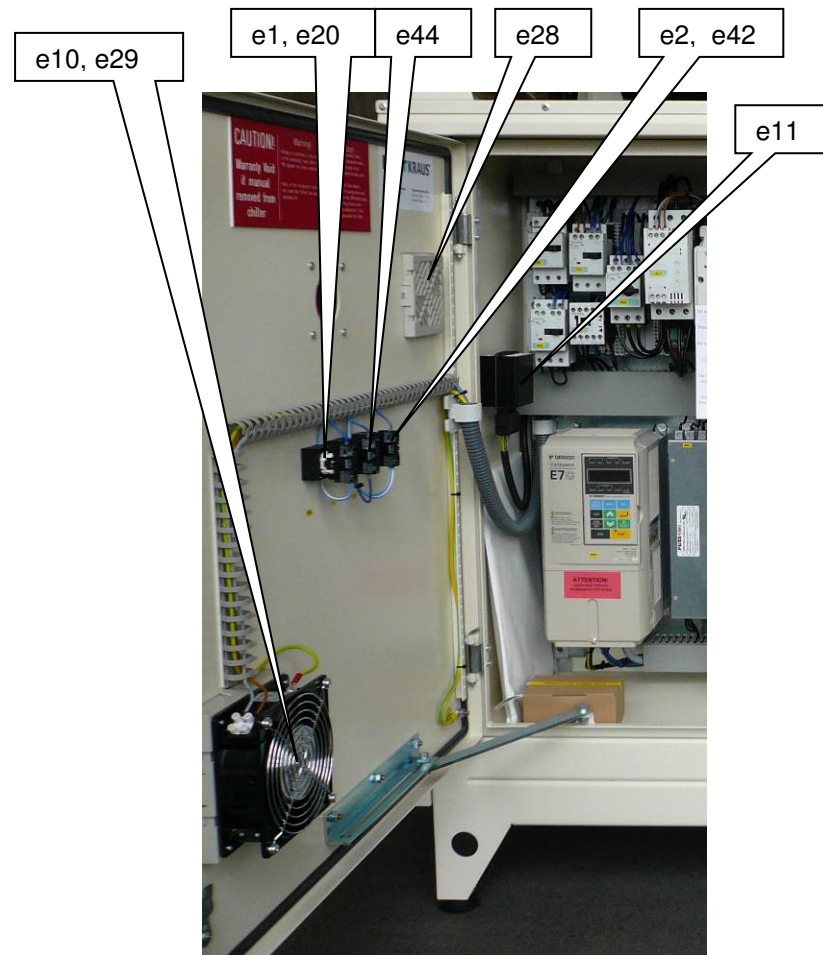
number	description	type	electrical item designation	number scheme	SAP	PDS	remarks
5	Electronic expansion valve	MVL661-15-0.4	9Y1, 16Y1	17	65894701	456016	Origin label
6	Electronic hotgas bypaß valve	MVL661-20-2.5	9Y2, 16Y2	12	65894801	456021	Origin label
7a	Valve plug with cable	MSUDK-AB1Z-CX5.0			657808B01	445301	
11	check valve (non return valve refrigerant)	NRV19 S22 020-1054	--	10	66082901	532052	
12	Compressor (old)	ZR 16 M3E TWD 591	18M1, 21M1	1	65985701	501113	Origin label
12a	Compressor (new)	ZR160 KCE-TFD650			67058501		
12b	Compressor replacement kit KSC215				928036		
13	compressor motor protector / DC	Kriwan INT 69 SC071-0615-02(13A402)/24VDC with UL Alternate: Kriwan INT 69 SC071-0615-02(22A402)/dual Voltage with UL	18A1, 21A1	1	65994901	501901	inside connecting box, Origin label
15	compressor rubber mounts (pack up mont.part 7,5-15)	527-0159-00	--	1	65995401	501910	4 per Compressor
16	condenser refrigerant	VH24 30x26C-27T-4R-1325A-2.OP-9NC connection left	--	4	66152801	573001	
17	condenser refrigerant	VH24 30x26C-27T-4R-1325A-2.OP-9NC connection right	--	4	66152701	573000	
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	FE 050-VDS.4I.V7P1.UL	20M1, 20M2 23M1, 23M2	4	67077101	207020	Origin label
20	pressure switch Alco	PS3-B6S 19,2 bar PCN 0715568	18B1, 21B1	39	66054501	525063	from serial no.195 Origin label
20a	Pressure switch plug with cable for HD Pressosat		18B1, 21B1		657807B01	445300	

21	Evaporator for KCC 215	M 25-60GLX	---	3	66159101	580907	
23	filter-dreyer 16mm	ADK-Plus 165	---	32	66067901	530025	
28	inspection glass 16mm	AMI-1SS5 (805 716)	---	31	66076601	531006	
39	pressure transducers (transmitter)	AKS 3000 # 060G3619	9B1, 9B2, 9B3, 9B4, 20B1, 23B1	44a	66063601	526020	Origin label
43	Temperture sensor	GF-7122/7121.1.KL.A.4-L.	15B3, 15B4		65498801	384071	









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	13H2		65693101	423034	
e2	accessories for 3SB3 LED-lamp, base BA9s 24V AC/DC, green	3SB3901-1DA	13H1		65693201	423035	
e4	automatic fuse 1A (inlet)	TCP1 / 07 12 19 4	24F1		65576101	401780	Origin Label
e5	automatic fuse 1-pol. C2A, dimensioned switching capacity 10Ka (ABL)	1CU2	7F1		65624701	406101	Origin Label
e6	auxiliary contact for automatic fuse with 1NO/1NC UL-approbation (ABL)	H11U	---		65627901	406201	
e7	busbar adapter system 108mm wide 60mm system 5+10mm busbar thickness for circuit breaker 3VF3	8US1211-4SB00	---		65697701	423301	
e8	busbar adapter system 60mm/630 A-System 3-pol. B 54 mm/32 A	32294	---		65594601	404011	
e9	busbar for plug in relay 6,2mm blue	093.20	---		65588001	402791	
e10	cabinet fan IP54 150x150x71 with UL 230VAC (100014)	FPF12KR230BE-110	6M1		66582901	802751	Origin Label
e11	cabinet heater 230V/45W spring connection, for mounting rail 35mm UL approval	HG140	6E1		65798701	445901	
e12	cable fitting divisible, 1 big nozzle M 63x1,5, IP54, material: black, UL 94VO, halogenfree, siliconfree	KVT63-1 45111	---		65792201	445702	
e13	cable nozzle. little 8 to 9 mm, material: grey, UL 94 VO, halogenfree, siliconfree	KT8 45208	---		65795001	445703	

number	Description	type	electrical item designation	number scheme	SAP	PDS	remarks
e14	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
e15	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	18Q1, 21Q1		65664601	420360	Origin Label
e16	circuit breaker 3,5...5,0A N-rel. 52A, size S00 motor protection class 10, screw connection, standard breaking capacity (preferred type)	3RV 1011-1FA10	20Q1, 23Q1		65663101	420280	Origin Label
e17	circuit breaker, 4,5...6,3A N-rel. 82A, size S00 motor protection, class 10 screw connection standard breaking capacity (preferred type)	3RV 1011-1GA10	17Q1		65663301	420290	Origin Label
e18	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	X6, X7		65579601	401911	
e19	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	X6, X7		65579501	401910	
e20	complete unit, round illuminated pushbutton lamphold BA 9S red	3SB3204-6AA20	17H2		65690901	423001	
e21	contactor AC-3 15 KW/400V AC 230V 50/60Hz 3-pole, size S2 screw connection (preferred type)	3RT 1034-1AL20	22K3, 25K3		65658801	420061	Origin Label
e22	contactor relay, 3NO+1NC DC 24V cage clamp, size S00 (preferred type)	3RH1122-1BB40	18K1, 21K1			OLD use NEXT	Origin Label
e22	contactor relay, 2NO+2NC DC 24V cage clamp, size S00 (preferred type)	3RH1122-2BB40	18K2, 21K2		65666601	420503	Origin Label
e23	contactor, AC-3 4kW/400V 1 NO, AC 230V, 50/60Hz 3-pole, size S00 screw connection (preferred type)	3RT 1016-1AP01	17K1		65656901	420015	Origin Label

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e25	copper busbar (08240/01619)	length: 613 mm 5 x 15 mm	---		65608101	404101	
e26	crank case heater	230V, 50-60 Hz8013479 018-0036-00	18E1, 21E1		65994301	501872	see kpic1
e27	EMC filter	3F460-010.250	20A1, 23A1		65964001	464731	Origin Label
e28	exchange filter for PF/PFA 1000, 85 x 85mm 150g/m2		---		66489501	692010	
e29	exchange filter for PF/PFA 2000, 115x115mm 350g/m ²		---		66489601	692011	
e30	frequency inverter 2,2 KW, 5,3A	CIMR-E7-C42P21 without EMV filter	20U1, 23U1		65963601	464701	Not more avialabel
e30	frequency inverter 2,2 KW, 5,3 -replacement kit	CIMR-VCA0007BAA incl. EMV-Filter	20U1,23U1		928055		From Serial Number: S215.4001.02.813.1213
e33	hexagon nut for cable fitting M 63x1,5, material: black, Polystyrol	KGMM63x1,5 52288	---		657922B01	445702	
e34	LCD Display	6AV6641-0AA11-0AX0	20U1, 23U1		65677301	420901	
e35	min. circuit breaker 400V 6KA, B-characterist., 1 pole, 6 A/ N-Type AC	1BU6	5F1		65624001	406011	
e36	operator panel OP73 SIMATIC S7	6AV6 641-0AA11-0AX0	8N2		65677301	420901	Origin Label
e37	phase monitoring relay, power supply: 480V 50/60Hz / monitoring voltage: 480V 50/60Hz / monitoring: asymmetric, phase sequence, phase out of action	3UG4512-1AR20	5A1		65686201	421447	Origin Label
e38	plug in relay complete with socket, width 6,2mm spring connection, 1 change over contact 6A/250V, operate voltage 24VDC, black socket, UL approval	38.61.0.024.0062 incl. 93.51.0.024 + 34.51.7.024.00.10	13K1 -3 13K5-6 13K8 14K1-8		65583801	402071	
e40	PROFIBUS plug with horizontal outlet with programming device interface and switch for SIMATIC cpu	Lapp# 21124051	---		65826601	447302	

number	Description	type	electrical item designation	number scheme	SAP	PDS	remarks
e41	PROFIBUS plug with straight outlet and switch for SIMATIC operate panel	Lapp# 21124054	---		65826501	447301	
e42	pushbutton lampholder BA9S green, complete unit, round illuminated	3SB 3204-6AA40	17H2		65691101	423003	
e43	relay component	34.51.7.024.00.10			65585201	402301	
e44	round pushbutton with flat pushbutton, black, 1NO, complete unit	3SB3202-0AA11	11S1		65696801	423180	
e45	MICRO MEMORY CARD 64kByte für SW-Version 3.3 6ES7953-8LF20-0AA0	6ES7953-8LF20-0AA0	---		66980401		10850174
e47	SIMATIC S7-313 kompakt incl 24xdigital input, 16xdigital Output, 2xAnalog Output, 5xAnalog Input	6ES 7313-5BF03-0AB0	8N1,8A1,8A2		65672701	420804	Origin Label
e48	SIMATIC S7-300, Analog Input	6ES7331-7KF02-0AB0	8A3		65673101	420808	Origin Label
e49	SIMATIC S7-300, Analog Output	6ES7332-5HB01-0AB0	8A4		65675001	420841	Origin Label
e50	SIMATIC S7-300, front connector for signal modules with spring contacts, 40-pin	6ES7392-1BJ00-0AA0	---		65676401	420871	
e52	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
e53	sitop modular stabilized load power supply input: 120AC/230-500V output: 24V DC/5A	6EP1333-3BA00	7U1		65698401	423401	
e54	switch-disconnector 3phase 80A with UL508-appobation (switch inside the compartment)	3VF3131-1FQ410AA0(new) 3VL1110-1KE30-0AA0 (old)	5Q1		65665601	420380	Origin Label

number	Description	type	electrical item designation	number scheme	SAP	PDS	remarks
e54a	rotary handle operator for 3VF3 Rotary handle for switch gear complete for VL	3VF9323-1FA00 (new) 3VL9300-3HG06 (old)	5Q1		65697401 65700701	423250 423577	
e54b	Red handle with yellow panel	8UC6220-3BD (old)	5Q1		65701201	423601	
e55	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
e57	VARIOFACE-COMPACT-LINE D-SUB 15pol, female part with treaded flange to spring clamp	UM45-D15SUB/B/ZFKDS / 22 93 67 9	X8		65582201	401975	
e58	varistor AC 24, 48V, DC 24...70V suppressor for mounting onto contactors size S00 (preferred type)	3RT1916-1BB00	---		65686701	421471	
e59	over voltage protector art.# 924051/S015957	USD 15 FS SB			657943B01	445781	is an external component outside the chiller