

# Drive control EUROPE | frequency inverters

## Spare parts for Emotron Soft-Starters and Frequency Inverters

Frequency inverters spare parts			Soft-starters spare parts		
	B			1	
1	Emotron	FDU2.0 / VFX 2.0 all 1 Control board NGP 01-2942-20	678	Emotron	MSF 2.0 all 1 Control Board, latest software 01-1660-00
2	Emotron	FDU2.0 / VFX 2.0 all 1 Control board NGP (coated) 01-2942-50	679	Emotron	MSF 2.0 all 1 Control Board, latest software (coated) 01-1660-50
3	Emotron	FDU2.0 / VFX 2.0 all 1 PPU Front unit (keypad) 01-3688-00	680	Emotron	MSF all 1 Control Board, specified software 01-1660-20
4	Emotron	FDU2.0 / VFX 2.0 all 1 PPU Front unit Blanc (no keypad) 01-3688-11	681	Emotron	MSF all 1 Control Board, specified software (coated) 01-1660-70
5	Emotron	FDU2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB 01-3687-00	682	Emotron	MSF 2.0 / MSF all 1 TSM Board 200-690 V 01-1665-10
6	Emotron	FDU2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB (coated) 01-3687-50	683	Emotron	MSF 2.0 / MSF all 1 TSM Board 200-690 V (coated) 01-1665-50
7	Emotron	FDU2.0 / VFX 2.0 03-04-06 1 Power board B2 3A-6A 01-4932-00	684	Emotron	MSF 2.0 / MSF all 1 Display PPU Board 01-1208-00
8	Emotron	FDU2.0 / VFX 2.0 08-10 1 Power board B2 8A-10A 01-4932-01	685	Emotron	MSF 2.0 / MSF all 1 Display PPU Board (coated) 01-1208-50
9	Emotron	FDU2.0 / VFX 2.0 13 1 Power board B2 13A 01-4932-02	686	Emotron	MSF 2.0 / MSF all 1 Display PPU overlay 01-1489-00
10	Emotron	FDU2.0 / VFX 2.0 18 1 Power board B2 18A 01-4932-03	687	Emotron	MSF 2.0 / MSF all 1 Snubber Board 200-525 V 01-1211-00
11	Emotron	FDU2.0 / VFX 2.0 03-04-06 1 Power board B2 3A-6A (coated) 01-4932-50	688	Emotron	MSF 2.0 / MSF all 1 Snubber Board 200-525 V (coated) 01-1211-50
12	Emotron	FDU2.0 / VFX 2.0 08-10 1 Power board B2 8A-10A (coated) 01-4932-51	689	Emotron	MSF 2.0 / MSF all 1 Snubber Board 200-690 V 01-1211-10
13	Emotron	FDU 2.0 / VFX 2.0 13 1 Power board B2 13A (coated) 01-4932-52	690	Emotron	MSF 2.0 / MSF all 1 Snubber Board 200-690 V (coated) 01-1211-60
14	Emotron	FDU 2.0 / VFX 2.0 18 1 Power board B2 18A (coated) 01-4932-53	691	Emotron	MSF 2.0 / MSF 017 3 Thyristor 200-525 V, 2-pack 1006-216041
15	Emotron	FDU 2.0 / VFX 2.0 03-04-06 1 Power board B2 3A-6A brake 01-4932-10	692	Emotron	MSF 2.0 / MSF 030 3 Thyristor 200-525 V, 2-pack 1006-216071
16	Emotron	FDU 2.0 / VFX 2.0 08-10 1 Power board B2 8A-10A brake 01-4932-11	693	Emotron	MSF 2.0 / MSF 045 3 Thyristor 200-525 V, 2-pack 1006-216091
17	Emotron	FDU 2.0 / VFX 2.0 13 1 Power board B2 13A brake 01-4932-12	694	Emotron	MSF 2.0 / MSF 060 3 Thyristor 200-525 V, 2-pack 1006-216106
18	Emotron	FDU 2.0 / VFX 2.0 18 1 Power board B2 18A brake 01-4932-13	695	Emotron	MSF 2.0 / MSF 075 3 Thyristor 200-525 V, 2-pack 1006-216132

19	Emotron	FDU 2.0 / VFX 2.0 03-04-06 1 Power board B2 3A-6A brake (coated) 01-4932-60	696	Emotron	MSF 2.0 / MSF 085 3 Thyristor 200-525 V, 2-pack 1006-216162
20	Emotron	FDU 2.0 / VFX 2.0 08-10 1 Power board B2 8A-10A brake (coated) 01-4932-61	697	Emotron	MSF 2.0 / MSF 017 3 Thyristor 200-690 V, 2-pack 01-2406-00
21	Emotron	FDU 2.0 / VFX 2.0 13 1 Power board B2 13A brake (coated) 01-4932-62	698	Emotron	MSF 2.0 / MSF 030 3 Thyristor 200-690 V, 2-pack 01-2406-00
22	Emotron	FDU 2.0 / VFX 2.0 18 1 Power board B2 18A brake (coated) 01-4932-63	699	Emotron	MSF 2.0 / MSF 045 3 Thyristor 200-690 V, 2-pack 01-2406-00
23	Emotron	FDU 2.0 / VFX 2.0 all 1 Fan assembly size B 01-4603-00	700	Emotron	MSF 2.0 / MSF 060 3 Thyristor 200-690 V, 2-pack 01-2406-00
24	Emotron	FDU 2.0 / VFX 2.0 all 1 Fan internal 01-4576-00	701	Emotron	MSF 2.0 / MSF 075 3 Thyristor 200-690 V, 2-pack 01-2408-00
25	Emotron	FDU 2.0 / VFX 2.0 all 1 Flat cable control 18 pole 01-4599-00	702	Emotron	MSF 2.0 / MSF 085 3 Thyristor 200-690 V, 2-pack 01-2408-00
26	Emotron	FDU 2.0 / VFX 2.0 all 1 Flat cable control 20 pole 01-2902-07	703	Emotron	MSF 2.0 / MSF all 1 Side plate left 01-1484-10
			704	Emotron	MSF 2.0 / MSF all 1 Side plate right 01-1484-11
		C	705	Emotron	MSF 2.0 / MSF all 1 Bottom plate incl grating 01-1988-00
29	Emotron	FDU 2.0 / VFX 2.0 all 1 Control board NGP 01-2942-20	706	Emotron	MSF 2.0 / MSF all 1 Back plate 01-1598-10
30	Emotron	FDU 2.0 / VFX 2.0 all 1 Control board NGP (coated) 01-2942-50	707	Emotron	MSF 2.0 / MSF all 1 NTC-contact 01-1812-01
31	Emotron	FDU 2.0 / VFX 2.0 all 1 PPU Front unit (keypad) 01-3688-00	708	Emotron	MSF 2.0 / MSF all 3 Triggering cables size 1 and 2 01-0085-03
32	Emotron	FDU 2.0 / VFX 2.0 all 1 PPU Front unit Blanc (no keypad) 01-3688-11	709	Emotron	MSF 2.0 / MSF all 1 Flat cable 01-1936-00
33	Emotron	FDU 2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB 01-3687-00	710	Emotron	MSF 2.0 / MSF 017 2 Current Transformer 017 01-1794-10
34	Emotron	FDU 2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB (coated) 01-3687-50	711	Emotron	MSF 2.0 / MSF 030 2 Current Transformer 030 01-1794-20
35	Emotron	FDU 2.0 / VFX 2.0 19-31 1 Power board NGD LP-C4, 75A 01-3578-01	712	Emotron	MSF 2.0 / MSF 045 2 Current Transformer 045 01-1794-30
36	Emotron	FDU 2.0 / VFX 2.0 37-46 1 Power board NGD LP-C4, 100A 01-3578-02	713	Emotron	MSF 2.0 / MSF 060 2 Current Transformer 060 01-1794-40
37	Emotron	FDU 2.0 / VFX 2.0 19-31 1 Power board NGD LP-C4, 75A (coated) 01-3578-51	714	Emotron	MSF 2.0 / MSF 075 2 Current Transformer 075 01-1794-50
38	Emotron	FDU 2.0 / VFX 2.0 37-46 1 Power board NGD LP-C4, 100A (coated) 01-3578-52	715	Emotron	MSF 2.0 / MSF 085 2 Current Transformer 085 01-1794-60
39	Emotron	FDU 2.0 / VFX 2.0 19-31 1 Fan assembly 2 sizeC 01-4412-01	716	Emotron	MSF 2.0 / MSF 045-085 1 Fan 01-1865-00
40	Emotron	FDU 2.0 / VFX 2.0 37-46 1 Fan assembly 1 sizeC 01-4412-00			
41	Emotron	FDU 2.0 / VFX 2.0 all 1 Fan internal 01-3446-00			2
42	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 18 pole 01-4076-00	720	Emotron	MSF2.0 all 1 Control Board, latest software 01-1660-00
43	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 20 pole 01-4077-00	721	Emotron	MSF2.0 all 1 Control Board, latest software (coated) 01-1660-50
			722	Emotron	MSF all 1 Control Board, specified software 01-1660-20
			723	Emotron	MSF all 1 Control Board, specified software (coated) 01-1660-70
		E			

46	Emotron	FDU2.0 / VFX 2.0 48-all 1 Control board NGP 01-2942-20	724	Emotron	MSF2.0 / MSF all 1 TSM Board 200-690 V 01-1665-10
47	Emotron	FDU2.0 / VFX 2.0 48-all 1 Control board NGP (coated) 01-2942-50	725	Emotron	MSF2.0 / MSF all 1 TSM Board 200-690 V (coated) 01-1665-50
48	Emotron	FDU2.0 / VFX 2.0 all 1 PPU Front unit (keypad) 01-3688-00	726	Emotron	MSF2.0 / MSF all 1 Display PPU Board 01-1208-00
49	Emotron	FDU2.0 / VFX 2.0 all 1 PPU Front unit Blanc (no keypad) 01-3688-11	727	Emotron	MSF2.0 / MSF all 1 Display PPU Board (coated) 01-1208-50
50	Emotron	FDU2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB 01-3687-00	728	Emotron	MSF2.0 / MSF all 1 Display PPU overlay 01-1489-00
51	Emotron	FDU2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB (coated) 01-3687-50	729	Emotron	MSF2.0 / MSF all 1 Snubber Board 200-525 V 01-1859-00
52	Emotron	FDU2.0 / VFX 2.0 48-all 1 Power board 01-3028-10	730	Emotron	MSF2.0 / MSF all 1 Snubber Board 200-525 V (coated) 01-1859-50
53	Emotron	FDU2.0 / VFX 2.0 48-all 1 Power board (coated) 01-3028-50	731	Emotron	MSF2.0 / MSF all 1 Snubber Board 200-690 V 01-1859-10
54	Emotron	FDU2.0 / VFX 2.0 48-all 3 Rectifier Thristor/diode module SKKH 106/16E E085106	732	Emotron	MSF2.0 / MSF all 1 Snubber Board 200-690 V (coated) 01-1859-60
55	Emotron	FDU2.0 / VFX 2.0 48-090 / 109 4 Capacitor 4000uF / 415V 01-3439-00	733	Emotron	MSF2.0 / MSF 110 3 Thyristor 200-525 V, 2-pack 01-4159-00
56	Emotron	FDU2.0 / VFX 2.0 48-090 / 109 6 DC battery unit complete 4 caps 01-4694-00	734	Emotron	MSF2.0 / MSF 145 3 Thyristor 200-525 V, 2-pack 01-4159-00
57	Emotron	FDU2.0 / VFX 2.0 48-146 / 175 6 DC battery unit complete 6 caps 01-4695-00	735	Emotron	MSF2.0 / MSF 110 3 Thyristor 200-690 V, 2-pack 01-4160-00
58	Emotron	FDU2.0 / VFX 2.0 48-090 1 IGBT 150A / 1200V + gate board 01-3720-00	736	Emotron	MSF2.0 / MSF 145 3 Thyristor 200-690 V, 2-pack 01-4160-00
59	Emotron	FDU2.0 / VFX 2.0 48-090 1 IGBT 150A / 1200V + gate board (coated) 01-3720-50	737	Emotron	MSF2.0 / MSF all 1 Side plate left 01-1484-12
60	Emotron	FDU2.0 / VFX 2.0 48-109 1 IGBT 225A / 1200V + gate board 01-3720-10	738	Emotron	MSF2.0 / MSF all 1 Side plate right 01-1484-13
61	Emotron	FDU2.0 / VFX 2.0 48-109 1 IGBT 225A / 1200V + gate board (coated) 01-3720-60	739	Emotron	MSF2.0 / MSF all 1 Bottom plate incl grating 01-1988-01
62	Emotron	FDU2.0 / VFX 2.0 48-146 1 IGBT 300A / 1200V + gate board 01-3720-20	740	Emotron	MSF2.0 / MSF all 1 Back plate 01-1598-11
63	Emotron	FDU2.0 / VFX 2.0 48-146 1 IGBT 300A / 1200V + gate board (coated) 01-3720-70	741	Emotron	MSF2.0 / MSF all 1 NTC-contact 01-1812-01
64	Emotron	FDU2.0 / VFX 2.0 48-175 1 IGBT 300A / 1200V + gate board 01-3720-20	742	Emotron	MSF2.0 / MSF all 3 Triggering cables size 1 and 2 01-0085-03
65	Emotron	FDU2.0 / VFX 2.0 48-175 1 IGBT 300A / 1200V + gate board (coated) 01-3720-70	743	Emotron	MSF2.0 / MSF all 1 Flat cable 01-1936-00
66	Emotron	FDU2.0 / VFX 2.0 48-all 1 IGBT 2-pack 450A/1200V + gate board 01-3721-00	744	Emotron	MSF2.0 / MSF 110 2 Current Transformer 110 01-1795-10
67	Emotron	FDU2.0 / VFX 2.0 48-all 1 IGBT 2-pack 450A/1200V + gate board (coated) 01-3721-50	745	Emotron	MSF2.0 / MSF 145 2 Current Transformer 145 01-1795-20
68	Emotron	FDU2.0 / VFX 2.0 48-all 1 Main Fan unit PEBB240 01-3606-00	746	Emotron	MSF2.0 / MSF all 2 Fan 01-1876-00
69	Emotron	FDU2.0 / VFX 2.0 48-all 1 Fan Power board 60x60x25 24V 01-3446-00			
70	Emotron	FDU2.0 / VFX 2.0 48-all 1 Fan Heat exchanger 92x92x25 24V 01-1865-00			3B
71	Emotron	FDU2.0 / VFX 2.0 48-all 1 Fan Capacitors 92x92x25 24V 01-1865-00	750	Emotron	MSF2.0 all 1 Control Board, latest software 01-1660-00
72	Emotron	FDU2.0 / VFX 2.0 48-090 1 EMC board 090 01-3784-00	751	Emotron	MSF2.0 all 1 Control Board, latest software (coated) 01-1660-50

73	Emotron	FDU2.0 / VFX 2.0 48-090 1 EMC board 090 (coated) 01-3784-50	752	Emotron	MSF all 1 Control Board, specified software 01-1660-20
74	Emotron	FDU2.0 / VFX 2.0 48-all 2 Terminal 95-150 mm2 spare part kit 01-4427-10	753	Emotron	MSF all 1 Control Board, specified software (coated) 01-1660-70
75	Emotron	FDU2.0 / VFX 2.0 brake 1 Terminal 95 mm2 spare part kit 01-4427-00	754	Emotron	MSF2.0 / MSF all 1 TSM Board 200-690 V 01-1665-10
76	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 18 pole 01-3195-00	755	Emotron	MSF2.0 / MSF all 1 TSM Board 200-690 V (coated) 01-1665-50
77	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 20 pole 01-3195-20	756	Emotron	MSF2.0 / MSF all 1 Display PPU Board 01-1208-00
78	Emotron	FDU2.0 / VFX 2.0 48-090 / 109 1 DC coil 090-109 01-3543-00	757	Emotron	MSF2.0 / MSF all 1 Display PPU Board (coated) 01-1208-50
79	Emotron	FDU2.0 / VFX 2.0 48-146 / 175 1 DC coil 146-175 01-3543-10	758	Emotron	MSF2.0 / MSF all 1 Display PPU overlay 01-1489-00
80	Emotron	FDU2.0 / VFX 2.0 all 1 Earth Clamp 01-3376-00	759	Emotron	MSF2.0 / MSF all 1 Snubber 200-525 V 01-1211-01
81	Emotron	FDU2.0 / VFX 2.0 all 6 Power connector 95 mm2 01-3181-00	760	Emotron	MSF2.0 / MSF all 1 Snubber 200-525 V (coated) 01-1211-51
82	Emotron	FDU2.0 / VFX 2.0 all 6 Power connector 150 mm2 01-3181-10	761	Emotron	MSF2.0 / MSF all 1 Snubber 200-690 V 01-1211-11
		F	762	Emotron	MSF2.0 / MSF all 1 Snubber 200-690 V (coated) 01-1211-61
85	Emotron	FDU2.0 / VFX 2.0 48-all 1 Control board NGP 01-2942-20	763	Emotron	MSF2.0 / MSF all 3 Thyristor 200-525 V, 2-pack 01-4236-00
86	Emotron	FDU2.0 / VFX 2.0 48-all 1 Control board NGP (coated) 01-2942-50	764	Emotron	MSF2.0 / MSF all 3 Thyristor 200-690 V, 2-pack 01-4237-00
87	Emotron	FDU2.0 / VFX 2.0 all 1 PPU Front unit (keypad) 01-3688-00	765	Emotron	MSF2.0 / MSF all 1 Side plate left 01-1484-14
88	Emotron	FDU2.0 / VFX 2.0 all 1 PPU Front unit Blanc (no keypad) 01-3688-11	766	Emotron	MSF2.0 / MSF all 1 Side plate right 01-1484-15
89	Emotron	FDU2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB 01-3687-00	767	Emotron	MSF2.0 / MSF all 1 Bottom plate incl grating 01-1988-02
90	Emotron	FDU2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB (coated) 01-3687-50	768	Emotron	MSF2.0 / MSF all 1 Back plate 01-1598-12
91	Emotron	FDU2.0 / VFX 2.0 48-all 1 Power board 01-3028-10	769	Emotron	MSF2.0 / MSF all 1 NTC-contact 01-1812-01
92	Emotron	FDU2.0 / VFX 2.0 48-all 1 Power board (coated) 01-3028-50	770	Emotron	MSF2.0 / MSF all 3 Triggering cables size 3B 01-0085-02
93	Emotron	FDU2.0 / VFX 2.0 48-all 3 Rectifier Thyristor/Diode module 156A / 1600V 01-3425-00	771	Emotron	MSF2.0 / MSF all 1 Flat cable 01-1936-10
94	Emotron	FDU2.0 / VFX 2.0 48-all 8 Capacitor 4000uF / 415V 01-3439-00	772	Emotron	MSF2.0 / MSF 170B 2 Current Transformer 170 01-1796-10
95	Emotron	FDU2.0 / VFX 2.0 48-all 8 DC battery unit complete 8 caps 01-3618-20	773	Emotron	MSF2.0 / MSF 210B 2 Current Transformer 210 01-1796-20
96	Emotron	FDU2.0 / VFX 2.0 48-all 1 IGBT 450A / 1200V + gate board 01-3720-30	774	Emotron	MSF2.0 / MSF 250B 2 Current Transformer 250 01-1796-30
97	Emotron	FDU2.0 / VFX 2.0 48-all 1 IGBT 450A / 1200V + gate board (coated) 01-3720-80	775	Emotron	MSF2.0 / MSF all 2 Fan 01-1865-00
98	Emotron	FDU2.0 / VFX 2.0 48-all 1 IGBT 2-pack 450A/1200V + gate board 01-3721-50	4		
99	Emotron	FDU2.0 / VFX 2.0 48-all 1 IGBT 2-pack 450A/1200V + gate board (coated) 01-3721-50	779	Emotron	MSF2.0 all 1 Control Board, latest software 01-1660-00

100	Emotron	FDU2.0 / VFX 2.0 48-all 1 Main Fan unit PEBB300 01-3606-01	780	Emotron	MSF2.0 all 1 Control Board, latest software (coated) 01-1660-50
101	Emotron	FDU2.0 / VFX 2.0 48-all 1 Fan Power board 60x60x25 24V 01-3446-00	781	Emotron	MSF all 1 Control Board, specified software 01-1660-20
102	Emotron	FDU2.0 / VFX 2.0 48-all 1 Fan Heat exchanger 92x92x25 24V 01-1865-00	782	Emotron	MSF all 1 Control Board, specified software (coated) 01-1660-70
103	Emotron	FDU2.0 / VFX 2.0 48-all 1 Fan Capacitors 92x92x25 24V 01-1865-00	783	Emotron	MSF2.0 / MSF all 1 TSM Board 200-690 V 01-1665-10
104	Emotron	FDU2.0 / VFX 2.0 48-all 2 Terminal 240 mm2 spare part kit 01-4427-20	784	Emotron	MSF2.0 / MSF all 1 TSM Board 200-690 V (coated) 01-1665-50
105	Emotron	FDU2.0 / VFX 2.0 brake 1 Terminal 95-150 mm2 spare part kit 01-4427-10	785	Emotron	MSF2.0 / MSF all 1 Display PPU Board 01-1208-00
106	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 18 pole 01-3195-00	786	Emotron	MSF2.0 / MSF all 1 Display PPU Board (coated) 01-1208-50
107	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 20 pole 01-3195-20	787	Emotron	MSF2.0 / MSF all 1 Display PPU overlay 01-1489-00
108	Emotron	FDU2.0 / VFX 2.0 all 1 DC coil 210-250 01-3544-00	788	Emotron	MSF2.0 / MSF all 3 Snubber Board 200-525 V 01-4659-10
109	Emotron	FDU2.0 / VFX 2.0 all 1 Earth Clamp 01-3376-00	789	Emotron	MSF2.0 / MSF all 3 Snubber Board 200-690 V 01-4659-00
110	Emotron	FDU2.0 / VFX 2.0 all 6 Power connector 150 mm2 01-3181-10	790	Emotron	MSF2.0 / MSF all 3 Snubber Board 200-525 V (coated) 01-4659-60
111	Emotron	FDU2.0 / VFX 2.0 all 6 Power connector 240 mm2 01-3181-20	791	Emotron	MSF2.0 / MSF all 3 Snubber Board 200-690 V (coated) 01-4659-50
112	Emotron	FDU2.0 / VFX 2.0 all 1 Thermal pad SMPS heat sink Power board (thick) 01-3663-00	792	Emotron	MSF2.0 / MSF 310 6 Thyristor 200-690 V 01-2413-00
		F	793	Emotron	MSF2.0 / MSF 370 6 Thyristor 200-690 V 01-2414-00
			794	Emotron	MSF2.0 / MSF 450 6 Thyristor 200-690 V 01-2414-00
115	Emotron	FDU2.0 / VFX 2.0 69-all 1 Control board NGP 01-2942-20	795	Emotron	MSF2.0 / MSF all 1 NTC-contact 01-1812-01
116	Emotron	FDU2.0 / VFX 2.0 69-all 1 Control board NGP (coated) 01-2942-50	796	Emotron	MSF2.0 / MSF all 2 Thermo contact 2406-002
117	Emotron	FDU2.0 / VFX 2.0 all 1 PPU Front unit (keypad) 01-3688-00	797	Emotron	MSF2.0 / MSF all 3 Fan 01-2024-00
118	Emotron	FDU2.0 / VFX 2.0 all 1 PPU Front unit Blanc (no keypad) 01-3688-11	798	Emotron	MSF2.0 / MSF 310 2 Current Transformer 310 01-1796-40
119	Emotron	FDU2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB 01-3687-00	799	Emotron	MSF2.0 / MSF 370 2 Current Transformer 370 01-1796-50
120	Emotron	FDU2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB (coated) 01-3687-50	800	Emotron	MSF2.0 / MSF 450 2 Current Transformer 450 01-1796-60
121	Emotron	FDU2.0 / VFX 2.0 69-all 1 Powerboard 500-690V 01-3389-10	801	Emotron	MSF2.0 / MSF all Flat cable 01-1936-10
122	Emotron	FDU2.0 / VFX 2.0 69-all 1 Powerboard 500-690V (coated) 01-3389-50			
123	Emotron	FDU2.0 / VFX 2.0 69-090 3 Rectifier Thyristor/Diode module 132A/2200V 01-4119-00	5		
124	Emotron	FDU2.0 / VFX 2.0 69-109 3 Rectifier Thyristor/Diode module 132A/2200V 01-4119-00	805	Emotron	MSF2.0 all 1 Control Board, latest software 01-1660-00
125	Emotron	FDU2.0 / VFX 2.0 69-146 3 Rectifier Thyristor/Diode module 162A/2200V 01-4120-00	806	Emotron	MSF2.0 all 1 Control Board, latest software (coated) 01-1660-50
126	Emotron	FDU2.0 / VFX 2.0 69-175 3 Rectifier Thyristor/Diode module 162A/2200V 01-4120-00	807	Emotron	MSF all 1 Control Board, specified software 01-1660-20

127	Emotron	FDU2.0 / VFX 2.0 69-090 9 Capacitor 4000uF / 415V 01-3439-00	808	Emotron	MSF all 1 Control Board, specified software (coated) 01-1660-70
128	Emotron	FDU2.0 / VFX 2.0 69-109 9 Capacitor 4000uF / 415V 01-3439-00	809	Emotron	MSF2.0 / MSF all 1 TSM Board 200-690 V 01-1665-10
129	Emotron	FDU2.0 / VFX 2.0 69-146 12 Capacitor 4000uF / 415V 01-3439-00	810	Emotron	MSF2.0 / MSF all 1 TSM Board 200-690 V (coated) 01-1665-50
130	Emotron	FDU2.0 / VFX 2.0 69-175 12 Capacitor 4000uF / 415V 01-3439-00	811	Emotron	MSF2.0 / MSF all 1 Display PPU Board 01-1208-00
131	Emotron	FDU2.0 / VFX 2.0 69-090 1 DC battery unit complete 9 caps 01-3618-01	812	Emotron	MSF2.0 / MSF all 1 Display PPU Board (coated) 01-1208-50
132	Emotron	FDU2.0 / VFX 2.0 69-109 1 DC battery unit complete 9 caps 01-3618-01	813	Emotron	MSF2.0 / MSF all 1 Display PPU overlay 01-1489-00
133	Emotron	FDU2.0 / VFX 2.0 69-146 1 DC battery unit complete 12 caps 01-3618-02	814	Emotron	MSF2.0 / MSF 570 3 Snubber Board 200-525 V 01-4659-10
134	Emotron	FDU2.0 / VFX 2.0 69-175 1 DC battery unit complete 12 caps 01-3618-02	815	Emotron	MSF2.0 / MSF 570 3 Snubber Board 200-690 V 01-4659-00
135	Emotron	FDU2.0 / VFX 2.0 69-090 1 IGBT 6-pack 300A/1700V + gateboard 01-4122-00	816	Emotron	MSF2.0 / MSF 570 3 Snubber Board 200-525 V (coated) 01-4659-60
136	Emotron	FDU2.0 / VFX 2.0 69-090 1 IGBT 6-pack 300A/1700V + coated gateboard 01-4122-50	817	Emotron	MSF2.0 / MSF 570 3 Snubber Board 200-690 V (coated) 01-4659-50
137	Emotron	FDU2.0 / VFX 2.0 69-109 1 IGBT 6-pack 300A/1700V + gateboard 01-4122-00	818	Emotron	MSF2.0 / MSF 710 - 835 3 Snubber Board 200-690 V 01-4660-00
138	Emotron	FDU2.0 / VFX 2.0 69-109 1 IGBT 6-pack 300A/1700V + coated gateboard 01-4122-50	819	Emotron	MSF2.0 / MSF 710 - 835 3 Snubber Board 200-690 V (coated) 01-4660-50
139	Emotron	FDU2.0 / VFX 2.0 69-146 1 IGBT 6-pack 450A/1700V + gateboard 01-4122-10	820	Emotron	MSF2.0 / MSF 570 525V 6 Thyristor 200-525 V 01-1581-00
140	Emotron	FDU2.0 / VFX 2.0 69-146 1 IGBT 6-pack 450A/1700V + coated gateboard 01-4122-60	821	Emotron	MSF2.0 / MSF 710 525V 6 Thyristor 200-525 V 01-2418-00
141	Emotron	FDU2.0 / VFX 2.0 69-175 1 IGBT 6-pack 450A/1700V + gateboard 01-4122-10	822	Emotron	MSF2.0 / MSF 835 525V 6 Thyristor 200-525 V 01-1583-00
142	Emotron	FDU2.0 / VFX 2.0 69-175 1 IGBT 6-pack 450A/1700V + coated gateboard 01-4122-60	823	Emotron	MSF2.0 / MSF 570 690V 6 Thyristor 200-690 V 01-2414-00
143	Emotron	FDU2.0 / VFX 2.0 69-all 1 Brake IGBT 2-pack 450A/1700V + gateboard 01-4123-00	824	Emotron	MSF2.0 / MSF 710 690V 6 Thyristor 200-690 V 01-2418-00
144	Emotron	FDU2.0 / VFX 2.0 69-all 1 Brake IGBT 2-pack 450A/1700V + coated gateboard 01-4123-50	825	Emotron	MSF2.0 / MSF 835 690V 6 Thyristor 200-690 V 01-2418-00
145	Emotron	FDU2.0 / VFX 2.0 69-all 1 Main Fan unit PEBB300 01-3606-01	826	Emotron	MSF2.0 / MSF all 1 NTC-contact 01-1812-20
146	Emotron	FDU2.0 / VFX 2.0 69-all 1 Fan Power board 60x60x25 24V 01-3446-00	827	Emotron	MSF2.0 / MSF all 2 Thermo contact 2406-002
147	Emotron	FDU2.0 / VFX 2.0 69-all 1 Fan Heat exchanger 92x92x25 24V 01-1865-00	828	Emotron	MSF2.0 / MSF all 3 Fan 01-2024-00
148	Emotron	FDU2.0 / VFX 2.0 69-all 2 Terminal 95-150 mm2 spare part kit 01-4427-10	829	Emotron	MSF2.0 / MSF all 1 Flat cable 01-1936-10
149	Emotron	FDU2.0 / VFX 2.0 69-all 1 Terminal 95 mm2 spare part kit 01-4427-00	830	Emotron	MSF2.0 / MSF 570 2 Current Transformer 570 01-1796-70
150	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 18 pole 01-3195-00	831	Emotron	MSF2.0 / MSF 710 2 Current Transformer 710 01-1796-80
151	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 20 pole 01-3195-20	832	Emotron	MSF2.0 / MSF 835 2 Current Transformer 835 01-1796-90
152	Emotron	FDU2.0 / VFX 2.0 69-090 1 DC coil 090-109 01-3544-20			
153	Emotron	FDU2.0 / VFX 2.0 69-109 1 DC coil 090-109 01-3544-20			

154	Emotron	FDU2.0 / VFX 2.0 69-146 1 DC coil 146-175 01-3544-30	836	Emotron	MSF2.0 all 1 Control Board, latest software 01-1660-00
155	Emotron	FDU2.0 / VFX 2.0 69-175 1 DC coil 146-175 01-3544-30	837	Emotron	MSF2.0 all 1 Control Board, latest software (coated) 01-1660-50
156	Emotron	FDU2.0 / VFX 2.0 all 1 Earth Clamp 01-3376-00	838	Emotron	MSF all 1 Control Board, specified software 01-1660-20
157	Emotron	FDU2.0 / VFX 2.0 all 6 Power connector 95 mm2 01-3181-00	839	Emotron	MSF all 1 Control Board, specified software (coated) 01-1660-70
158	Emotron	FDU2.0 / VFX 2.0 all 6 Power connector 150 mm2 01-3181-10	840	Emotron	MSF2.0 / MSF all 1 TSM Board 200- 690 V 01-1665-10
159	Emotron	FDU2.0 / VFX 2.0 all 1 Thermal pad 5MPS heat sink Power board (thick) 01-3663-00	841	Emotron	MSF2.0 / MSF all 1 TSM Board 200- 690 V (coated) 01-1665-50
		Stacked Inverter modules (PEBBs)	842	Emotron	MSF2.0 / MSF all 1 Display PPU Board 01-1208-00
163	Emotron	FDU2.0 / VFX 2.0 48-175 1 PEBB240-48-175 01-3595-00 48- 175--	843	Emotron	MSF2.0 / MSF all 1 Display PPU Board (coated) 01-1208-50
164	Emotron	FDU2.0 / VFX 2.0 48-175 1 PEBB240-48-175 (coated) 01-3595- 00 48-175-V	844	Emotron	MSF2.0 / MSF all 1 Display PPU overlay 01-1489-00
165	Emotron	FDU2.0 / VFX 2.0 48-175 1 PEBB240-48-175 + brake 01-3595- 00 48-175B-	845	Emotron	MSF2.0 / MSF all 3 Snubber Board 200-690 V 01-2257-00
166	Emotron	FDU2.0 / VFX 2.0 48-175 1 PEBB240-48-175 + brake (coated) 01-3595-00 48-175BV	846	Emotron	MSF2.0 / MSF all 3 Snubber Board 200-690 V (coated) 01-2257-50
167	Emotron	FDU2.0 / VFX 2.0 48-250 1 PEBB300-48-250 01-3595-00 48- 250--	847	Emotron	MSF2.0 / MSF 1000 525V 6 Thyristor 200-525 V 01-1583-00
168	Emotron	FDU2.0 / VFX 2.0 48-250 1 PEBB300-48-250 (coated) 01-3595- 00 48-250-V	848	Emotron	MSF2.0 / MSF 1400 525V 6 Thyristor 200-525 V 01-1849-00
169	Emotron	FDU2.0 / VFX 2.0 48-250 1 PEBB300-48-250 + brake 01-3595- 00 48-250B-	849	Emotron	MSF2.0 / MSF 1000 690V 6 Thyristor 200-690 V 01-2419-00
170	Emotron	FDU2.0 / VFX 2.0 48-250 1 PEBB300-48-250 + brake (coated) 01-3595-00 48250BV	850	Emotron	MSF2.0 / MSF 1400 690V 6 Thyristor 200-690 V 01-2419-00
171	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-109 01-3595-10 69- 109--A	851	Emotron	MSF2.0 / MSF all 1 NTC-contact 01-1812-20
172	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-109 (coated) 01-3595- 10 69-109-VA	852	Emotron	MSF2.0 / MSF all 2 Thermo contact 2406-002
173	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-109 + brake 01-3595- 10 69-109B-A	853	Emotron	MSF2.0 / MSF all 3 Fan 01-2024- 00
174	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-109 + brake (coated) 01-3595-10 69-109BVA	854	Emotron	MSF2.0 / MSF all 1 Flat cable 01- 1936-10
175	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-175 01-3595-10 69- 175--A	855	Emotron	MSF2.0 / MSF 1000 2 Current Transformer 1000 01-2005-11
176	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-175 (coated) 01-3595- 10 69-175-VA	856	Emotron	MSF2.0 / MSF 1400 2 Current Transformer 1400 01-2005-41
177	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-175 + brake 01-3595- 10 69-175B-A		Emotron	Miscellaneous
178	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-175 + brake (coated) 01-3595-10 69-175BVA	858	Emotron	MSF2.0 / MSF 310-1400 Antioxidation paste for thyristors, Grey, 1kg 01-0666-00
179	Emotron	FDU2.0 / VFX 2.0 all 1 MAINS Terminal PEBB with fuses Spare part kit 01-4997-00			
180	Emotron	FDU2.0 / VFX 2.0 all 3 FUSE DIN NH00 URB 400A 01-4029-00			
181	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 18 pole stacked 01-3195- 10			

182	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 20 pole stacked 01-3195-30
183	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control P-P 34 pole (between pebb) 01-3196-00
184	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control F-F 34 pole (between frame) 01-3196-10
185	Emotron	FDU2.0 / VFX 2.0 all 1 Thermal pad SMPS heat sink Power board (thin) 01-3663-10
186	Emotron	FDU2.0 / VFX 2.0 all 1 Safe Stop Plug 01-3313-00
187	Emotron	FDU2.0 / VFX 2.0 48-all 1 Safe Stop Plug with load resistor 01-3986-00
188	Emotron	FDU2.0 / VFX 2.0 all 1 Cabinet roof fan 01-4104-00
189	Emotron	FDU2.0 / VFX 2.0 all 1 Cabinet roof fan capacitor 01-4104-10
190	Emotron	FDU2.0 / VFX 2.0 all 1 Cabinet roof fan connector chassis 01-4107-00
191	Emotron	FDU2.0 / VFX 2.0 all 1 Cabinet roof fan connector cable 01-4107-10
192	Emotron	FDU2.0 / VFX 2.0 all 1 Cabinet roof fan filter 01-4099-00

## Stacked Inverter modules (PEBBs)

LIQUID COOLED \*Spare part PEBB is without power cables!

197	Emotron	FDU2.0 / VFX 2.0 48-175 1 PEBB240-48-175 Liquid cooled 01-3595-20 48-175--L
198	Emotron	FDU2.0 / VFX 2.0 48-175 1 PEBB240-48-175 (coated) Liquid Cooled 01-3595-20 48-175-VL
199	Emotron	FDU2.0 / VFX 2.0 48-175 1 PEBB240-48-175 + brake Liquid Cooled 01-3595-20 48-175B-L
200	Emotron	FDU2.0 / VFX 2.0 48-175 1 PEBB240-48-175 + brake (coated) Liquid Cooled 01-3595-20 48-175BVL
201	Emotron	FDU2.0 / VFX 2.0 48-250 1 PEBB300-48-250 Liquid Cooled 01-3595-20 48-250--L
202	Emotron	FDU2.0 / VFX 2.0 48-250 1 PEBB300-48-250 (coated) Liquid Cooled 01-3595-20 48-250-VL
203	Emotron	FDU2.0 / VFX 2.0 48-250 1 PEBB300-48-250 + brake Liquid Cooled 01-3595-20 48-250B-L
204	Emotron	FDU2.0 / VFX 2.0 48-250 1 PEBB300-48-250 + brake (coated) Liquid Cooled 01-3595-20 48-250BVL
205	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-109 Liquid Cooled 01-3595-10 69-109--L
206	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-109 (coated) Liquid Cooled 01-3595-10 69-109-VL
207	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-109 + brake Liquid Cooled 01-3595-10 69-109B-L
208	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-109 + brake (coated) Liquid Cooled 01-3595-10 69-109BVL
209	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-175 Liquid Cooled 01-3595-10 69-175--L



210	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-175 (coated) Liqued Cooled 01-3595-10 69-175-VL
211	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-175 + brake Liqued Cooled 01-3595-10 69-175B-L
212	Emotron	FDU2.0 / VFX 2.0 69-175 1 PEBB300-69-175 + brake (coated) Liqued Cooled 01-3595-10 69- 175BVL
		Miscellaneous / options
216	Emotron	FDU2.0 / VFX 2.0 all 1 Service control board 2.0 01-2942-30
217	Emotron	FDU2.0 / VFX 2.0 all 1 Screw kit size E and up 01-4993-00
218	Emotron	FDU2.0 / VFX 2.0 all 1 Heat sink compount 500 gram 01-3166-00
219	Emotron	FDU2.0 / VFX 2.0 all 1 Heat sink compount 35 gram 01-4992-00
220	Emotron	FDU2.0 / VFX 2.0 all 1 Stanby power supply option card 01- 3098-00
221	Emotron	FDU2.0 / VFX 2.0 all 1 Stanby power supply option card (coated) <b>01-3098-50</b>
222	Emotron	FDU2.0 / VFX 2.0 all 1 Safe Stop option card 01-3170-00
223	Emotron	FDU2.0 / VFX 2.0 all 1 Safe Stop option card (coated) 01-3170-50
224	Emotron	FDU2.0 / VFX 2.0 all 1 Safe Stop option card LP (size B and C) 01- 4533-00
225	Emotron	FDU2.0 / VFX 2.0 all 1 Safe Stop option card (coated) LP (size B and C) 01-4533-50
226	Emotron	FDU2.0 / VFX 2.0 LC 1 Dividing unit 2 stacks (without nozzles etc) 01-4449-01
227	Emotron	FDU2.0 / VFX 2.0 LC 1 Dividing unit 3 stacks (without nozzles etc) 01-4450-01
228	Emotron	FDU2.0 / VFX 2.0 LC 2 Hose nozzle (connection to water circuit) 01-4453-01
229	Emotron	FDU2.0 / VFX 2.0 LC 1 Quick fasterner (connection to PEBB) 01-4451-01
230	Emotron	FDU2.0 / VFX 2.0 LC 1 Screw Plug 01-4452-01
231	Emotron	FDU2.0 / VFX 2.0 LC 1 LABEL "IN" 01-4452-01
232	Emotron	FDU2.0 / VFX 2.0 LC 1 LABEL "OUT" 01-4984-00
233	Emotron	FDU2.0 / VFX 2.0 all 1 Crane Option Flange control sensor 01- 4984-00
234	Emotron	FDU2.0 / VFX 2.0 all 3 Pin Strip header IGBT 2x9 01-3189-10
235	Emotron	FDU2.0 / VFX 2.0 all 1 Pin Strip header IGBT 2x2 01-3189-00
236	Emotron	FDU2.0 / VFX 2.0 all 7 EMC clamp control 01-2801-00

Older models, < 5 years out of production

B1

241	Emotron	VFB all 1 Control board VFX 01-1500-00
242	Emotron	VFB all 1 Control board VFX (coated) 01-1500-50
243	Emotron	VFB all 1 PPU board 01-1510-00
244	Emotron	VFB all 1 PPU board (coated) 01-1510-50
245	Emotron	VFB 40-004 1 Powerboard VFB40-004 01-1505-02
246	Emotron	VFB 40-006 1 Powerboard VFB40-006 (without IGBT) 01-1505-03
247	Emotron	VFB 40-008 1 Powerboard VFB40-008 (without IGBT) 01-1505-04
248	Emotron	VFB 40-010 1 Powerboard VFB40-010 (without IGBT) 01-1505-05
249	Emotron	VFB 40-012 1 Powerboard VFB40-012 (without IGBT) 01-1505-06
250	Emotron	VFB 40-016 1 Powerboard VFB40-016 (without IGBT) 01-1505-07
251	Emotron	VFB 40-004 1 Rectifier 25A/1600V VFB E080022
252	Emotron	VFB 40-006 1 Rectifier 25A/1600V VFB E080022
253	Emotron	VFB 40-008 1 Rectifier 25A/1600V VFB E080022
254	Emotron	VFB 40-010 1 Rectifier 35A/1600V VFB E080024
255	Emotron	VFB 40-012 1 Rectifier 50A/1600V VFB E080092
256	Emotron	VFB 40-016 1 Rectifier 50A/1600V VFB E080092
257	Emotron	VFB 40-004 1 IGBT E120262
258	Emotron	VFB 40-006 1 IGBT E120262
259	Emotron	VFB 40-008 1 IGBT E120262
260	Emotron	VFB 40-010 1 IGBT 01-1890-00
261	Emotron	VFB 40-012 1 IGBT 01-1890-00
262	Emotron	VFB 40-016 1 IGBT 01-1891-00
263	Emotron	VFB 40-006 1 Fan VFB B1 01-2381-00
264	Emotron	VFB 40-008 1 Fan VFB B1 01-2381-00
265	Emotron	VFB 40-010 1 Fan VFB B1 01-2381-00

266	Emotron	VFB 40-012 1 Fan VFB B1 01-2381-00
267	Emotron	VFB 40-016 1 Fan VFB B1 01-2381-00
		X1
271	Emotron	FDU2.0 / VFX 2.0 all 1 Control board NGP 01-2942-20
272	Emotron	FDU2.0 / VFX 2.0 all 1 Control board NGP (coated) 01-2942-50
273	Emotron	FDU2.0 / VFX 2.0 all 1 PPU Front unit (keypad) 01-3688-00
274	Emotron	FDU2.0 / VFX 2.0 all 1 PPU Front unit Blanc (no keypad) 01-3688-11
275	Emotron	FDU2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB 01-3687-00
276	Emotron	FDU2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB (coated) 01-3687-50
277	Emotron	FDU2.0 40-003 1 Power board 40-003 10140110
278	Emotron	FDU2.0 40-003 1 Power board 40-003 (coated) 01-3406-00
279	Emotron	FDU2.0 40-004 1 Power board 40-004 10140210
280	Emotron	FDU2.0 40-004 1 Power board 40-004 (coated) 01-3406-01
281	Emotron	FDU2.0 40-006 1 Power board 40-006 10140310
282	Emotron	FDU2.0 40-006 1 Power board 40-006 (coated) 01-3406-02
283	Emotron	FDU2.0 40-008 1 Power board 40-008 10140410
284	Emotron	FDU2.0 40-008 1 Power board 40-008 (coated) 01-3406-03
285	Emotron	FDU2.0 40-010 1 Power board 40-010 10140510
286	Emotron	FDU2.0 40-010 1 Power board 40-010 (coated) 01-3406-04
287	Emotron	FDU2.0 40-013 1 Power board 40-013 10140610
288	Emotron	FDU2.0 40-013 1 Power board 40-013 (coated) 01-3406-05
289	Emotron	FDU2.0 40-003 1 Power board 40-003 Extended EMC 10140101
290	Emotron	FDU2.0 40-003 1 Power board 40-003 Extended EMC (coated) 01-3406-06
291	Emotron	FDU2.0 40-004 1 Power board 40-004 Extended EMC 10140201
292	Emotron	FDU2.0 40-004 1 Power board 40-004 Extended EMC (coated) 01-3406-07
293	Emotron	FDU2.0 40-006 1 Power board 40-006 Extended EMC 10140301

294	Emotron	FDU2.0 40-006 1 Power board 40-006 Extended EMC (coated) 01-3406-08
295	Emotron	FDU2.0 40-008 1 Power board 40-008 Extended EMC 10140401
296	Emotron	FDU2.0 40-008 1 Power board 40-008 Extended EMC (coated) 01-3406-09
297	Emotron	FDU2.0 40-010 1 Power board 40-010 Extended EMC 10140501
298	Emotron	FDU2.0 40-010 1 Power board 40-010 Extended EMC (coated) 01-3406-10
299	Emotron	FDU2.0 40-013 1 Power board 40-013 Extended EMC 10140601
300	Emotron	FDU2.0 40-013 1 Power board 40-013 Extended EMC (coated) 01-3406-11
301	Emotron	VFX2.0 40-003 1 Power board 40-004 10140210
302	Emotron	VFX2.0 40-003 1 Power board 40-004 (coated) 01-3406-01
303	Emotron	VFX2.0 40-004 1 Power board 40-006 10140310
304	Emotron	VFX2.0 40-004 1 Power board 40-006 (coated) 01-3406-02
305	Emotron	VFX2.0 40-006 1 Power board 40-008 10140410
306	Emotron	VFX2.0 40-006 1 Power board 40-008 (coated) 01-3406-03
307	Emotron	VFX2.0 40-008 1 Power board 40-010 10140510
308	Emotron	VFX2.0 40-008 1 Power board 40-010 (coated) 01-3406-04
309	Emotron	VFX2.0 40-010 1 Power board 40-013 10140610
310	Emotron	VFX2.0 40-010 1 Power board 40-013 (coated) 01-3406-05
311	Emotron	VFX2.0 40-003 1 Power board 40-004 Extended EMC 10140201
312	Emotron	VFX2.0 40-003 1 Power board 40-004 Extended EMC (coated) 01-3406-07
313	Emotron	VFX2.0 40-004 1 Power board 40-006 Extended EMC 10140301
314	Emotron	VFX2.0 40-004 1 Power board 40-006 Extended EMC (coated) 01-3406-08
315	Emotron	VFX2.0 40-006 1 Power board 40-008 Extended EMC 10140401
316	Emotron	VFX2.0 40-006 1 Power board 40-008 Extended EMC (coated) 01-3406-09
317	Emotron	VFX2.0 40-008 1 Power board 40-010 Extended EMC 10140501
318	Emotron	VFX2.0 40-008 1 Power board 40-010 Extended EMC (coated) 01-3406-10
319	Emotron	VFX2.0 40-010 1 Power board 40-013 Extended EMC 10140601
320	Emotron	VFX2.0 40-010 1 Power board 40-013 Extended EMC (coated) 01-3406-11

321	Emotron	FDU2.0 / VFX 2.0 all 1 Fan 44900400
322	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 18 pole 01-3808-00
323	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 20 pole 01-3809-00
		S2
327	Emotron	FDU2.0 / VFX 2.0 all 1 Control board NGP 01-2942-20
328	Emotron	FDU2.0 / VFX 2.0 all 1 Control board NGP (coated) 01-2942-50
329	Emotron	FDU2.0 / VFX 2.0 all 1 PPU Front unit (keypad) 01-3688-00
330	Emotron	FDU2.0 / VFX 2.0 all 1 PPU Front unit Blanc (no keypad) 01-3688- 11
331	Emotron	FDU2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB 01-3687-00
332	Emotron	FDU2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB (coated) 01- 3687-50
333	Emotron	VFX2.0 40-013 1 Power board 40- 013 01-2675-21
334	Emotron	VFX2.0 40-013 1 Power board 40- 013 (coated) 01-2675-51
335	Emotron	FDU2.0 / VFX 2.0 40-018 1 Power board 40-018 01-2675-21
336	Emotron	FDU2.0 / VFX 2.0 40-018 1 Power board 40-018 (coated) 01-2675-51
337	Emotron	FDU2.0 / VFX 2.0 40-026 1 Power board 40-026 01-2675-22
338	Emotron	FDU2.0 / VFX 2.0 40-026 1 Power board 40-026 (coated) 01-2675-52
339	Emotron	FDU2.0 / VFX 2.0 40-031 1 Power board 40-031 01-2675-23
340	Emotron	FDU2.0 / VFX 2.0 40-031 1 Power board 40-031 (coated) 01-2675-53
341	Emotron	FDU2.0 / VFX 2.0 40-037 1 Power board 40-037 01-2675-24
342	Emotron	FDU2.0 / VFX 2.0 40-037 1 Power board 40-037 (coated) 01-2675-54
343	Emotron	VFX2.0 50-013 1 Power board 50- 013 01-2675-31
344	Emotron	VFX2.0 50-013 1 Power board 50- 013 (coated) 01-2675-61
345	Emotron	FDU2.0 / VFX 2.0 50-018 1 Power board 50-018 01-2675-31
346	Emotron	FDU2.0 / VFX 2.0 50-018 1 Power board 50-018 (coated) 01-2675-61
347	Emotron	FDU2.0 / VFX 2.0 50-026 1 Power board 50-026 01-2675-32
348	Emotron	FDU2.0 / VFX 2.0 50-026 1 Power board 50-026 (coated) 01-2675-62

349	Emotron	FDU2.0 / VFX 2.0 50-031 1 Power board 50-031 01-2675-33
350	Emotron	FDU2.0 / VFX 2.0 50-031 1 Power board 50-031 (coated) 01-2675-63
351	Emotron	FDU2.0 / VFX 2.0 50-037 1 Power board 50-037 01-2675-34
352	Emotron	FDU2.0 / VFX 2.0 50-037 1 Power board 50-037 (coated) 01-2675-64
353	Emotron	FDU2.0 / VFX 2.0 all 1 Fan 01-2781-00
354	Emotron	FDU2.0 / VFX 2.0 all 1 EMC filter Extended 01-2900-01
355	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 18 pole 01-3798-00
356	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 20 pole 01-3799-00
		X2
360	Emotron	FDU2.0 / VFX 2.0 all 1 Control board NGP 01-2942-20
361	Emotron	FDU2.0 / VFX 2.0 all 1 Control board NGP (coated) 01-2942-50
362	Emotron	FDU2.0 / VFX 2.0 all 1 PPU Front unit (keypad) 01-3688-00
363	Emotron	FDU2.0 / VFX 2.0 all 1 PPU Front unit Blanc (no keypad) 01-3688-11
364	Emotron	FDU2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB 01-3687-00
365	Emotron	FDU2.0 / VFX 2.0 all 1 Mounting frame PPU incl. PCB (coated) 01-3687-50
366	Emotron	FDU2.0 / VFX 2.0 all 1 Power board 101270
367	Emotron	FDU2.0 / VFX 2.0 all 1 Power board (coated) 01-3352-50
368	Emotron	FDU2.0 / VFX 2.0 xx-046 1 Charge Relay 40000900
369	Emotron	FDU2.0 / VFX 2.0 xx-060 1 Charge Relay 40000900
370	Emotron	FDU2.0 / VFX 2.0 xx-073 2 Charge Relay 40000900
371	Emotron	FDU2.0 / VFX 2.0 all 1 Charge resistor 50903100
372	Emotron	FDU2.0 / VFX 2.0 40-xxx 1 Rectifier 400V 52017600
373	Emotron	FDU2.0 / VFX 2.0 50-xxx 1 Rectifier 500V 50-060 52018400
374	Emotron	FDU2.0 40-046 2 DC capacitor 3300uF / 350V 51007000
375	Emotron	VFX2.0 40-046 2 DC capacitor 4700uF / 350V 51007100
376	Emotron	FDU2.0 / VFX 2.0 40-060 2 DC capacitor 4700uF / 350V 51007100

377	Emotron	FDU2.0 / VFX 2.0 40-073 2 DC capacitor 4700uF / 350V 51007100
378	Emotron	FDU2.0 50-046 2 DC capacitor 2200uF / 450V 51007310
379	Emotron	VFX2.0 50-046 2 DC capacitor 3300uF / 450V 51007410
380	Emotron	FDU2.0 / VFX 2.0 50-060 2 DC capacitor 3300uF / 450V 51007410
381	Emotron	FDU2.0 / VFX 2.0 xx-046 1 Inverter Bus bar X2 for IPM 50/75 381135
382	Emotron	FDU2.0 / VFX 2.0 xx- 1 Inverter Bus bar X2 for IPM 100/150 381136
383	Emotron	FDU2.0 xx-046 1 IPM module 6-pack 75A 52215400
384	Emotron	VFX2.0 xx-046 1 IPM module 6-pack 100A Obsolete use 52215600 52215500
385	Emotron	FDU2.0 xx-060 1 IPM module 6-pack 100A Obsolete use 52215600 52215500
386	Emotron	VFX2.0 xx-060 1 IPM module 6-pack 150A 52215600
387	Emotron	FDU2.0 / VFX 2.0 xx-073 1 IPM module 6-pack 150A 52215600
388	Emotron	FDU2.0 xx-046 1 IPM module 7-pack 75A (brake) 52216200
389	Emotron	VFX2.0 xx-046 1 IPM module 7-pack 100A (brake) 52216300
390	Emotron	FDU2.0 xx-060 1 IPM module 7-pack 100A (brake) 52216300
391	Emotron	VFX2.0 xx-060 1 IPM module 7-pack 150A (brake) 52216400
392	Emotron	FDU2.0 / VFX 2.0 xx-073 1 IPM module 7-pack 150A (brake) 52216400
393	Emotron	FDU2.0 / VFX 2.0 all 1 Fan 44910901
394	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 18 pole 01-2902-04
395	Emotron	FDU2.0 / VFX 2.0 all 1 Flat cable control 20 pole 01-2902-05
		X3
399	Emotron	VFX all 1 Control board VFX 01-1500-00
400	Emotron	VFX all 1 Control board VFX (coated) 01-1500-50
401	Emotron	FDU all 1 Control board FDU 01-1500-03
402	Emotron	FDU all 1 Control board FDU (coated) 01-1500-53
403	Emotron	FDU / VFX all 1 PPU board 01-1510-00
404	Emotron	FDU / VFX all 1 PPU board (coated) 01-1510-50

405	Emotron	FDU / VFX all 1 SMPS/Power board 101161
406	Emotron	FDU / VFX all 1 SMPS/Power board (coated) 01-3353-50
407	Emotron	FDU / VFX all 1 Gate Drive board 100946
408	Emotron	FDU / VFX all 1 Gate Drive board (coated) 01-3358-50
409	Emotron	FDU / VFX all 1 Brake board 15013901
410	Emotron	FDU / VFX all 1 Snubberboard (output) FDU/VFX X3 100951
411	Emotron	FDU / VFX all 1 Snubberboard (output) FDU/VFX X3 (coated) 01- 3356-50
412	Emotron	FDU / VFX all 1 Snubberboard (rectifier) FDU/VFX X3-X5 10095502
413	Emotron	FDU / VFX all 1 Snubberboard (rectifier) FDU/VFX X3-X5 (coated) 01-3355-50
414	Emotron	FDU / VFX all 1 EMC Filter FDU/VFX X3,X4 15011600
415	Emotron	FDU / VFX all 1 EMC Filter FDU/VFX X3,X4 (coated) 01-3359- 50
416	Emotron	FDU / VFX all 1 Extended EMC Filter FDU/VFX X3, X4 15010803
417	Emotron	FDU / VFX all 1 Charge resistor FDU/VFX X3 50903200
418	Emotron	FDU / VFX all 1 Charge relay FDU/VFX X3 01-3877-00
419	Emotron	FDU 40-061 2 Capacitor 3300uF / 350V 51007000
420	Emotron	FDU 40-074 2 Capacitor 4700uF / 350V 51007100
421	Emotron	FDU 40-090 4 Capacitor 3300uF / 350V 51007000
422	Emotron	FDU 40-108 4 Capacitor 3300uF / 350V 51007000
423	Emotron	FDU 50-061 4 Capacitor 1500uF / 450V 51007210
424	Emotron	FDU 50-074 4 Capacitor 2200uF / 450V 51007310
425	Emotron	FDU 50-090 4 Capacitor 2200uF / 450V 51007310
426	Emotron	VFX 40-061 2 Capacitor 4700uF / 350V 51007100
427	Emotron	VFX 40-074 4 Capacitor 3300uF / 350V 51007000
428	Emotron	VFX 40-090 4 Capacitor 4700uF / 350V 51007100
429	Emotron	VFX 50-061 4 Capacitor 2200uF / 450V 51007310
430	Emotron	VFX 50-074 4 Capacitor 2200uF / 450V 51007310
431	Emotron	VFX 50-090 4 Capacitor 3300uF / 450V 51007410



432	Emotron	FDU / VFX all 1 Inverter Busbar 380573
433	Emotron	FDU / VFX all 1 Rectifier DDB6U 145N16L 52018000
434	Emotron	FDU xx-061 3 IGBT 100A 52214000
435	Emotron	FDU xx-074 3 IGBT 150A 52214100
436	Emotron	FDU xx-090 3 IGBT 150A 52214100
437	Emotron	FDU 40-108 3 IGBT 200A 52214200
438	Emotron	VFX xx-061 3 IGBT 150A 52214100
439	Emotron	VFX xx-074 3 IGBT 150A 52214100
440	Emotron	VFX xx-090 3 IGBT 200A 52214200
441	Emotron	FDU / VFX all 1 IGBT brake 52214000
442	Emotron	FDU / VFX all 2 Current sensor LA- 205-S 47400900
443	Emotron	FDU / VFX all 2 Fan main 127X127X38 24VDC 44910901
444	Emotron	FDU / VFX all 1 Fan internal 60x60x23 24VDC 44910200
445	Emotron	FDU / VFX all 1 Busbar X3 380573
		X4
449	Emotron	VFX all 1 Control board VFX 01- 1500-00
450	Emotron	VFX all 1 Control board VFX (coated) 01-1500-50
451	Emotron	FDU all 1 Control board FDU 01- 1500-03
452	Emotron	FDU all 1 Control board FDU (coated) 01-1500-53
453	Emotron	FDU / VFX all 1 PPU board 01- 1510-00
454	Emotron	FDU / VFX all 1 PPU board (coated) 01-1510-50
455	Emotron	FDU / VFX all 1 SMPS/Power board 101162
456	Emotron	FDU / VFX all 1 SMPS/Power board (coated) 01-3354-50
457	Emotron	FDU / VFX all 1 Gate Drive board 100946
458	Emotron	FDU / VFX all 1 Gate Drive board (coated) 01-3358-50
459	Emotron	FDU / VFX all 1 Brake board 15013901

460	Emotron	FDU / VFX all 1 Snubberboard (output) FDU/VFX X4 100952
461	Emotron	FDU / VFX all 1 Snubberboard (output) FDU/VFX X4 (coated) 01-3357-50
462	Emotron	FDU / VFX all 1 Snubberboard (rectifier) FDU/VFX X3-X5 10095502
463	Emotron	FDU / VFX all 1 Snubberboard (rectifier) FDU/VFX X3-X5 (coated) 01-3355-50
464	Emotron	FDU / VFX all 1 EMC Filter FDU/VFX X3,X4 15011600
465	Emotron	FDU / VFX all 1 EMC Filter FDU/VFX X3,X4 (coated) 01-3359-50
466	Emotron	FDU / VFX all 1 Extended EMC Filter FDU/VFX X3, X4 15010803
467	Emotron	FDU / VFX all 1 Charge resistor FDU/VFX X4 50903300
468	Emotron	FDU / VFX all 1 Charge relay FDU/VFX X4 01-3877-01
469	Emotron	FDU 40-109 4 Capacitor 3300uF / 350V 51007000
470	Emotron	FDU 40-146 6 Capacitor 3300uF / 350V 51007000
471	Emotron	FDU 40-175 8 Capacitor 3300uF / 350V 51007000
472	Emotron	FDU 50-109 8 Capacitor 1500uF / 450V 51007210
473	Emotron	FDU 50-146 8 Capacitor 2200uF / 450V 51007310
474	Emotron	FDU 50-175 8 Capacitor 3300uF / 450V 51007410
475	Emotron	VFX 40-109 4 Capacitor 4700uF / 350V 51007100
476	Emotron	VFX 40-146 6 Capacitor 3300uF / 350V 51007000
477	Emotron	VFX 40-175 6 Capacitor 4700uF / 350V 51007100
478	Emotron	VFX 50-109 8 Capacitor 2200uF / 450V 51007310
479	Emotron	VFX 50-146 8 Capacitor 3300uF / 450V 51007410
480	Emotron	FDU / VFX all 1 Inverter Bus bar X3 38057400
481	Emotron	FDU / VFX 40-xxx 3 Rectifier DD104N12K 52014000
482	Emotron	FDU / VFX 50-xxx 3 Rectifier DD104N 16K 52013900
483	Emotron	FDU xx-109 6 IGBT 200A 52214500
484	Emotron	FDU xx-146 6 IGBT 300A 52214300
485	Emotron	FDU xx-175 6 IGBT 300A 52214300
486	Emotron	VFX xx-109 6 IGBT 300A 52214300

487	Emotron	VFX xx-146 6 IGBT 300A 52214300
488	Emotron	VFX 40-175 6 IGBT 400A 52214400
489	Emotron	FDU / VFX all 1 IGBT 200A 52214200
490	Emotron	FDU / VFX all 2 Current sensor LA- 205-S 47400900
491	Emotron	FDU / VFX all 2 Fan main 172X151X51 24VDC 44911001
492	Emotron	FDU / VFX all 1 Fan internal 60x60x23 24VDC 44910200
493	Emotron	FDU / VFX all 1 Busbar X4 38057400
		X5
497	Emotron	VFX all 1 Control board VFX 01- 1500-00
498	Emotron	VFX all 1 Control board VFX (coated) 01-1500-50
499	Emotron	FDU all 1 Control board FDU 01- 1500-03
500	Emotron	FDU all 1 Control board FDU (coated) 01-1500-53
501	Emotron	FDU / VFX all 1 PPU board 01- 1510-00
502	Emotron	FDU / VFX all 1 PPU board (coated) 01-1510-50
503	Emotron	FDU / VFX all 1 SMPS/ power board 10116311
504	Emotron	FDU / VFX all 1 SMPS/ power board (coated) 10116399
505	Emotron	FDU / VFX 120 1 SMPS/ power board 690V 10116611
506	Emotron	FDU / VFX 120 1 SMPS/ power board 690V (coated) 10116699
507	Emotron	FDU / VFX 170-340LC 1 SMPS/ power board 690V 10116611
508	Emotron	FDU / VFX 170-340LC 1 SMPS/ power board 690V (coated) 10116699
509	Emotron	FDU / VFX all 1 Gate Drive board 10094610
510	Emotron	FDU / VFX all 1 Gate Drive board (coated) 10094699
511	Emotron	FDU / VFX all 1 Gate Drive board 690V 10094510
512	Emotron	FDU / VFX all 1 Gate Drive board 690V (coated) 10094599
513	Emotron	FDU / VFX 40-50 all 3 Gate board 10095603
514	Emotron	FDU / VFX 40-50 all 3 Gate board (coated) 10095699

515	Emotron	FDU / VFX 69 all 3 Gate board 690V 10096101
516	Emotron	FDU / VFX 69 all 3 Gate board 690V (coated) 10096199
517	Emotron	FDU / VFX 40-50 all 1 Brake board 15015000
518	Emotron	FDU / VFX 40-50 all 1 Brake board (coated) 15015099
519	Emotron	FDU / VFX 69 all 1 Brake board 690V 10127601
520	Emotron	FDU / VFX 69 all 1 Brake board 690V (coated) 10127699
521	Emotron	FDU / VFX all 1 Snubberboard (output) FDU/VFX X5 10095807
522	Emotron	FDU / VFX all 1 Snubberboard (output) FDU/VFX X5 (coated) 10095899
523	Emotron	FDU / VFX all 1 Snubberboard (output) FDU/VFX X5 690V 51108600
524	Emotron	FDU / VFX all 1 Snubberboard (output) FDU/VFX X5 690V (coated) 51108699
525	Emotron	FDU / VFX all 1 Snubberboard (rectifier) FDU/VFX X3-X5 10095502
526	Emotron	FDU / VFX all 1 Snubberboard (rectifier) FDU/VFX X3-X5 (coated) 01-3355-50
527	Emotron	FDU / VFX all 1 Snubberboard (rectifier/EMC) FDU/VFX X5 690V 10096301
528	Emotron	FDU / VFX all 1 Snubberboard (rectifier/EMC) FDU/VFX X5 690V (coated) 10096399
529	Emotron	FDU / VFX all 1 EMC Filter FDU/VFX X5 15011600
530	Emotron	FDU / VFX all 1 EMC Filter FDU/VFX X5(coated) 01-3359-50
531	Emotron	FDU / VFX all 1 Temperature sensor 850mm MASTER 19254201
532	Emotron	FDU / VFX all 1 Temperature sensor 80C with connector SLAVE 19254701
533	Emotron	FDU / VFX all 1 Charge resistor FDU/VFX X5 50106900
534	Emotron	FDU / VFX all 1 Charge relay FDU/VFX X5 40023800
535	Emotron	FDU / VFX all 1 busbar charge relais 30105301
536	Emotron	FDU / VFX all 1 coupling charge relais 38105301
537	Emotron	FDU 40-210/250/300/375 8 Capacitor 3300uF / 350V 51007000
538	Emotron	FDU 50-175 / 210 18 Capacitor 1500uF / 450V 51007210
539	Emotron	FDU 50-250 / 300 18 Capacitor 2200uF / 450V 51007310
540	Emotron	FDU 50-375 18 Capacitor 3300uF / 450V 51007410
541	Emotron	VFX 40-210 10 Capacitor 3300uF / 350V 51007000

542	Emotron	VFX 40-250/300/374 8 Capacitor 4700uF / 350V 51007100
543	Emotron	VFX 50-175 18 Capacitor 1500uF / 450V 51007210
544	Emotron	VFX 50-210 18 Capacitor 2200uF / 450V 51007310
545	Emotron	VFX 50-250/300/375 18 Capacitor 3300uF / 450V 51007410
546	Emotron	FDU / VFX 69-120 18 Capacitor 1500uF / 450V 51007210
547	Emotron	FDU / VFX 69-170 18 Capacitor 2200uF / 450V 51007310
548	Emotron	FDU / VFX 69-215/270/340LC 18 Capacitor 3300uF / 450V 51007410
549	Emotron	FDU / VFX all 1 Capacitor bolt plastic M12 39240100
550	Emotron	FDU / VFX all 1 Capacitor Washer White 39240200
551	Emotron	FDU / VFX 40-50 all 1 Inverter bus bar X5 38071403
552	Emotron	VFX 40-374 1 Inverter bus bar X5 (VFX40-374) 38105003
553	Emotron	FDU / VFX all 1 Inverter bus bar X5 690V 38127102
554	Emotron	FDU / VFX all 1 Resistor dc link 68Kohm 50110600
555	Emotron	FDU 40-50 210-250 6 IGBT 400A 52214400
556	Emotron	FDU 40-50 300-375 6 IGBT 600A 52214610
557	Emotron	FDU 40-50 all 1 IGBT 400 A (brake) 52214400
558	Emotron	VFX 40-50 210-300 6 IGBT 600A 52214610
559	Emotron	VFX 40-50 210-300 1 IGBT 400 A (brake) 52214400
560	Emotron	VFX 40-50 374 3 IGBT 800A DUAL 52216800
561	Emotron	VFX 40-50 374 1 IGBT 800A DUAL (brake) 52216800
562	Emotron	FDU / VFX 69 120-170 3 IGBT 400A DUAL 52216610
563	Emotron	FDU / VFX 69 215-340LC 3 IGBT 600A DUAL 52217020
564	Emotron	FDU / VFX 70 all 1 IGBT 600A DUAL (brake) 52217020
565	Emotron	FDU / VFX 40-50 all 3 Rectifier D MOD MDD255-16N1 52015210
566	Emotron	FDU / VFX 69 all 3 Rectifier D MOD DD 231N22K 52018200
567	Emotron	FDU / VFX all 3 Fan main 220V 44909400
568	Emotron	FDU / VFX all 1 Trafo 440/550V-240V 160VA 47009900

569	Emotron	FDU / VFX all 1 Trafo 690V/ 230V / 250VA 47010100
570	Emotron	FDU / VFX 210-300 2 Current sensor 47402010
571	Emotron	FDU / VFX 375 2 Current sensor 47402210
574	Emotron	FDU / VFX 69 all 2 Current sensor 47402010
575	Emotron	FDU40 210 1 DC battery unit complete 111454
576	Emotron	FDU40 250 1 DC battery unit complete 111448
577	Emotron	FDU40 300 1 DC battery unit complete 111450
578	Emotron	FDU40 375 1 DC battery unit complete 111453
579	Emotron	VFX40 210 1 DC battery unit complete 111448
580	Emotron	VFX40 250 1 DC battery unit complete 111447
581	Emotron	VFX40 300 1 DC battery unit complete 111449
582	Emotron	VFX40 374 1 DC battery unit complete 111451
583	Emotron	FDU50 175 1 DC battery unit complete 111340
584	Emotron	FDU50 210 1 DC battery unit complete 111340
585	Emotron	FDU50 250 1 DC battery unit complete 111341
586	Emotron	FDU50 300 1 DC battery unit complete 111341
587	Emotron	FDU50 375 1 DC battery unit complete 111331
588	Emotron	VFX50 210 1 DC battery unit complete 111341
589	Emotron	VFX50 250 1 DC battery unit complete 111331
590	Emotron	VFX50 300 1 DC battery unit complete 111331
591	Emotron	VFX50 374 1 DC battery unit complete 111452
592	Emotron	FDU / VFX69 120 1 DC battery unit complete 111360
593	Emotron	FDU / VFX69 170 1 DC battery unit complete 111361
594	Emotron	FDU / VFX69 215/270/340LC 1 DC battery unit complete 111362
595	Emotron	FDU / VFX 40-50 all 1 Gate drive board cable set 10480203
596	Emotron	VFX 40-374 1 Gate drive board cable set (VFX40-374) 10480300

597	Emotron	FDU / VFX69 all 1 Gate drive board cable set (VFX40-374) 10480300
598	Emotron	FDU VFX all 1 Flatcable set 41277400
599	Emotron	FDU / VFX 40-50 210-300 1 Brake option cable set 10432003
600	Emotron	FDU / VFX 40-50 375 1 Brake option cable set 10432102
601	Emotron	VFX 40-374 1 Brake option cable set (VFX40-374) 10433601
602	Emotron	FDU / VFX 69 all 1 Brake option cable set (VFX40-374) 10433601
603	Emotron	FDU / VFX 40-50 210-300 1 Common cable set including motor 10425808
604	Emotron	FDU / VFX 40-50 375 1 Common cable set including motor 10428306
605	Emotron	VFX 40-374 1 Common cable set including motor 10431704
606	Emotron	FDU / VFX 69 120-270 1 Common cable set including motor 10431704
607	Emotron	FDU / VFX 69 340LC 1 Common cable set including motor 10431704
608	Emotron	FDU / VFX 40-50 210-300 / 375 1 Cable set Mains 10432400
609	Emotron	FDU / VFX 375 120-270 / 340LC 1 Cable set Mains 10432500
610	Emotron	FDU / VFX 40-50 all 1 DC battery wiring set 10428502
611	Emotron	FDU / VFX 69 all 1 DC battery wiring set 10428703
612	Emotron	FDU / VFX 40-50 all 3 Output rail motor 38071302
613	Emotron	FDU / VFX 40-50 all 3 Output rail brake option 38054302
614	Emotron	VFX 40-374 1 Output rail motor and brake option 38104901
615	Emotron	FDU / VFX 69 all 3 Output rail motor and brake option 38104901
616	Emotron	VFX 40-374 1 Positive rail brake option 38110301
617	Emotron	FDU / VFX 69 all 3 Positive rail brake option 38110301
618	Emotron	VFX 40-374 1 Negative rail brake option 38110400
619	Emotron	FDU / VFX 69 all 3 Negative rail brake option 38110400
620	Emotron	FDU / VFX all 1 Rail input rectifier 38072000
621	Emotron	FDU / VFX all 1 Modulair cable ppu 85cm 43404400

X10

625	Emotron	FDU/VFX 40-50 500 (2x250) 1 SMPS/ power board Master 10116411
626	Emotron	FDU/VFX 40-50 500 (2x250) 1 SMPS/ power board Master (coated) 10116499
627	Emotron	FDU/VFX 40-50 600 (2x300) 1 SMPS/ power board Master 10116411
628	Emotron	FDU/VFX 40-50 600 (2x300) 1 SMPS/ power board Master (coated) 10116499
629	Emotron	FDU/VFX 40-50 750 (2x375) 1 SMPS/ power board Master 10116511
630	Emotron	FDU/VFX 40-50 750 (2x375) 1 SMPS/ power board Master (coated) 10116599
631	Emotron	FDU/VFX 40-50 all 1 SMPS/ power board slave 10117611
632	Emotron	FDU/VFX 40-50 all 1 SMPS/ power board slave (coated) 10117699
633	Emotron	FDU/VFX 69 340 (2x170) 1 SMPS/ power board Master 10116911
634	Emotron	FDU/VFX 69 340 (2x170) 1 SMPS/ power board Master (coated) 10116999
635	Emotron	FDU/VFX 69 430 (2x215) 1 SMPS/ power board Master 10116911
636	Emotron	FDU/VFX 69 430 (2x215) 1 SMPS/ power board Master (coated) 10116999
637	Emotron	FDU/VFX 69 540 (2x270) 1 SMPS/ power board Master 10117011
638	Emotron	FDU/VFX 69 540 (2x270) 1 SMPS/ power board Master (coated) 10117099
639	Emotron	FDU/VFX 69 680LC (2x340) 1 SMPS/ power board Master 10117011
640	Emotron	FDU/VFX 69 680LC (2x340) 1 SMPS/ power board Master (coated) 10117099
641	Emotron	FDU/VFX 69 all 1 SMPS/ power board slave 10117611
642	Emotron	FDU/VFX 69 all 1 SMPS/ power board slave (coated) 10117699
643	Emotron	FDU/VFX all 1 Resistor SMPS slave 56 ohm 50104601
644	Emotron	FDU/VFX all 1 Coupling cable set control X10/X15 10434701
645	Emotron	FDU/VFX all 1 Coupling Rail DC+ 38073501
646	Emotron	FDU/VFX all 1 Coupling Rail DC- 38073601
647	Emotron	FDU/VFX all 6 Distance bus 10x22x39 39251000
648	Emotron	VFX 40-750 2 DC + Extension rail 690V 38131000
649	Emotron	FDU/VFX 69 all 2 DC + Extension rail 690V 38131000
652	Emotron	FDU/VFX 40-50 900 (3x300) 1 SMPS/ power board Master 10116702



653	Emotron	FDU/VFX 40-50 900 (3x300) 1 SMPS/ power board Master (coated) 10116799
654	Emotron	FDU/VFX 40-50 1100 (3x375) 1 SMPS/ power board Master 10116811
655	Emotron	FDU/VFX 40-50 1100 (3x375) 1 SMPS/ power board Master (coated) 10116899
656	Emotron	FDU/VFX 40-50 all 2 SMPS/ power board slave 10117611
657	Emotron	FDU/VFX 40-50 all 2 SMPS/ power board slave (coated) 10117699
658	Emotron	FDU/VFX 69 645 (3x215) 1 SMPS/ power board Master 10117111
659	Emotron	FDU/VFX 69 645 (3x215) 1 SMPS/ power board Master (coated) 10117199
660	Emotron	FDU/VFX 69 810 (3x270) 1 SMPS/ power board Master 10117211
661	Emotron	FDU/VFX 69 810 (3x270) 1 SMPS/ power board Master (coated) 10117299
662	Emotron	FDU/VFX 69 1K0LC (3x340LC) 1 SMPS/ power board Master 10117711
663	Emotron	FDU/VFX 69 1K0LC (3x340LC) 1 SMPS/ power board Master (coated) 10117799
664	Emotron	FDU/VFX 69 all 1 SMPS/ power board slave 10117611
665	Emotron	FDU/VFX 69 all 1 SMPS/ power board slave (coated) 10117699
666	Emotron	FDU/VFX all 1 Resistor SMPS Slave dc link 56 ohm 50104601
667	Emotron	FDU/VFX all 2 Coupling cable set control X10/X15 10434701
668	Emotron	FDU/VFX all 1 Coupling rail DC+ 381054
669	Emotron	FDU/VFX all 1 Coupling rail DC- 381055
670	Emotron	FDU/VFX all 16 Distance bus 10x22x39 39251000
671	Emotron	VFX 40-1100 3 DC + Extension rail 690V 38131000
672	Emotron	FDU/VFX 69 all 3 DC + Extension rail 690V 38131000