



swiss lifting solutions

## ERSATZTEILE | STROMLAUFPLÄNE GP 1000 FU

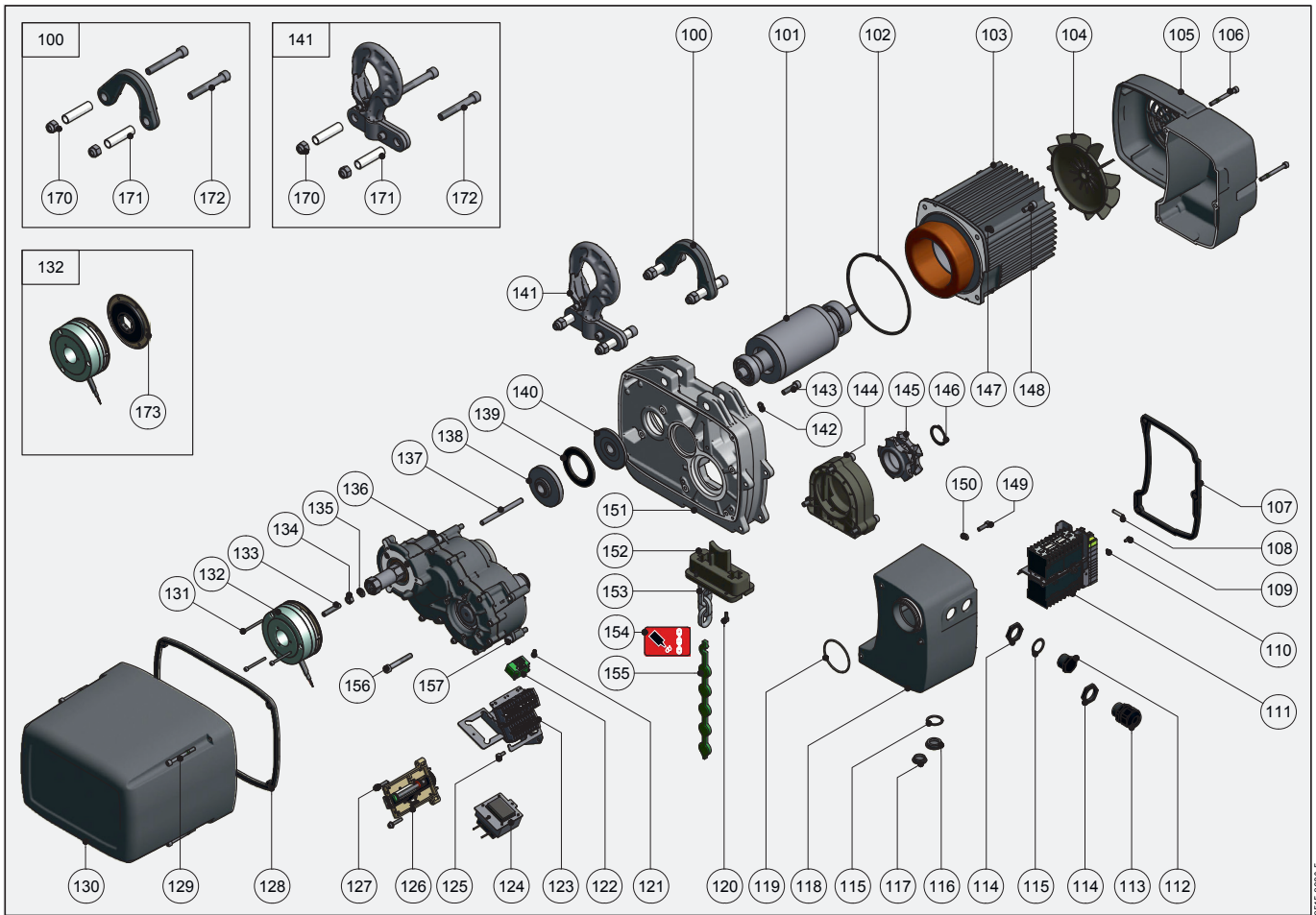
Spare parts | Pièces de rechange | Onderdelen | Reservedele | Varaosat |  
Pezzi di ricambio | Reservedelen | Peças | Reservdelar | Piezas de recambio

Circuit diagrams | Schéma de connexions | Stroomschema | Kredslobsdiagrammer |  
Kytentäkaavio | Aansluitschema | Schema elettrico | Koplingskjema |  
Esquema electrico | Elschema | Esquema eléctrico

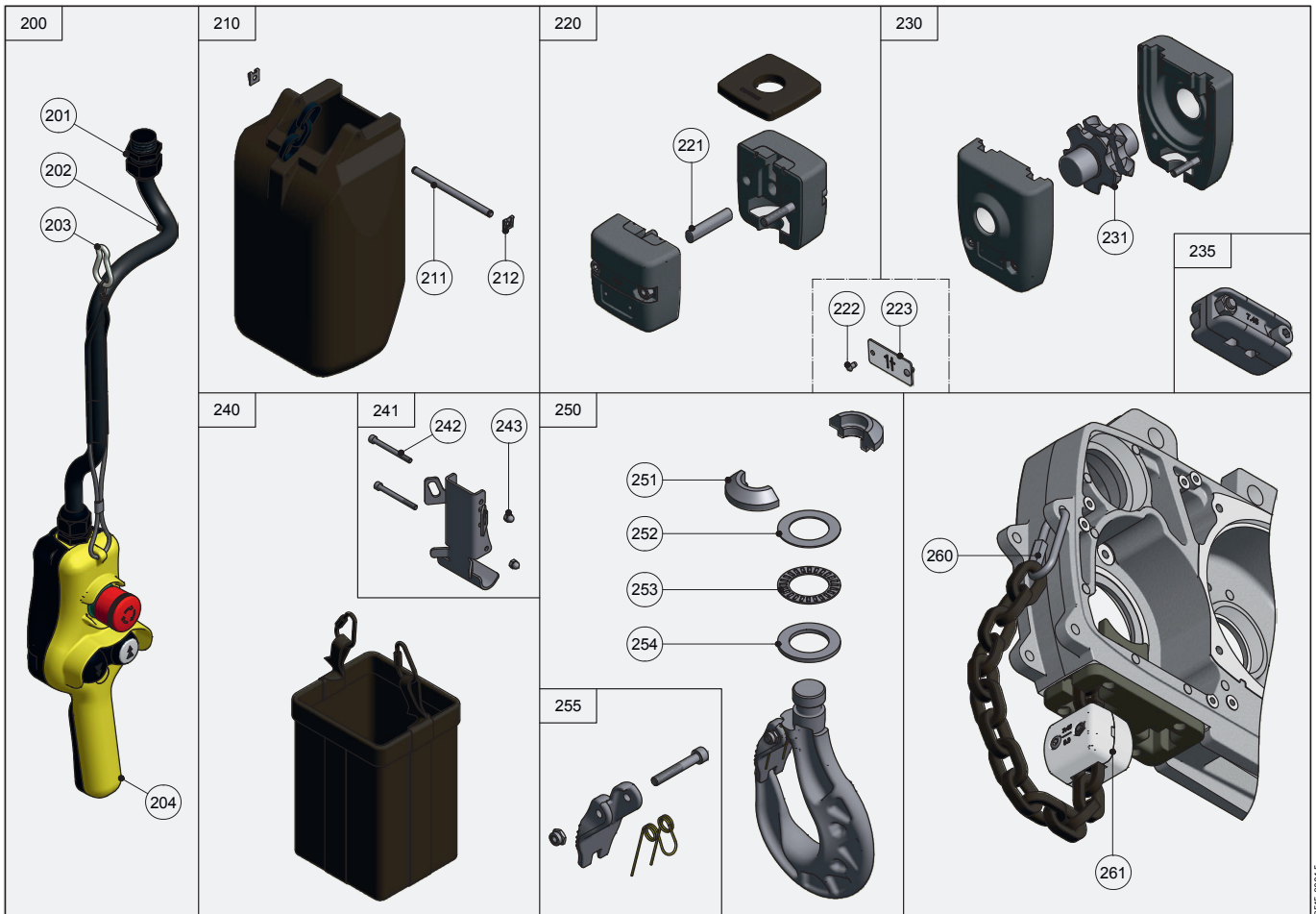


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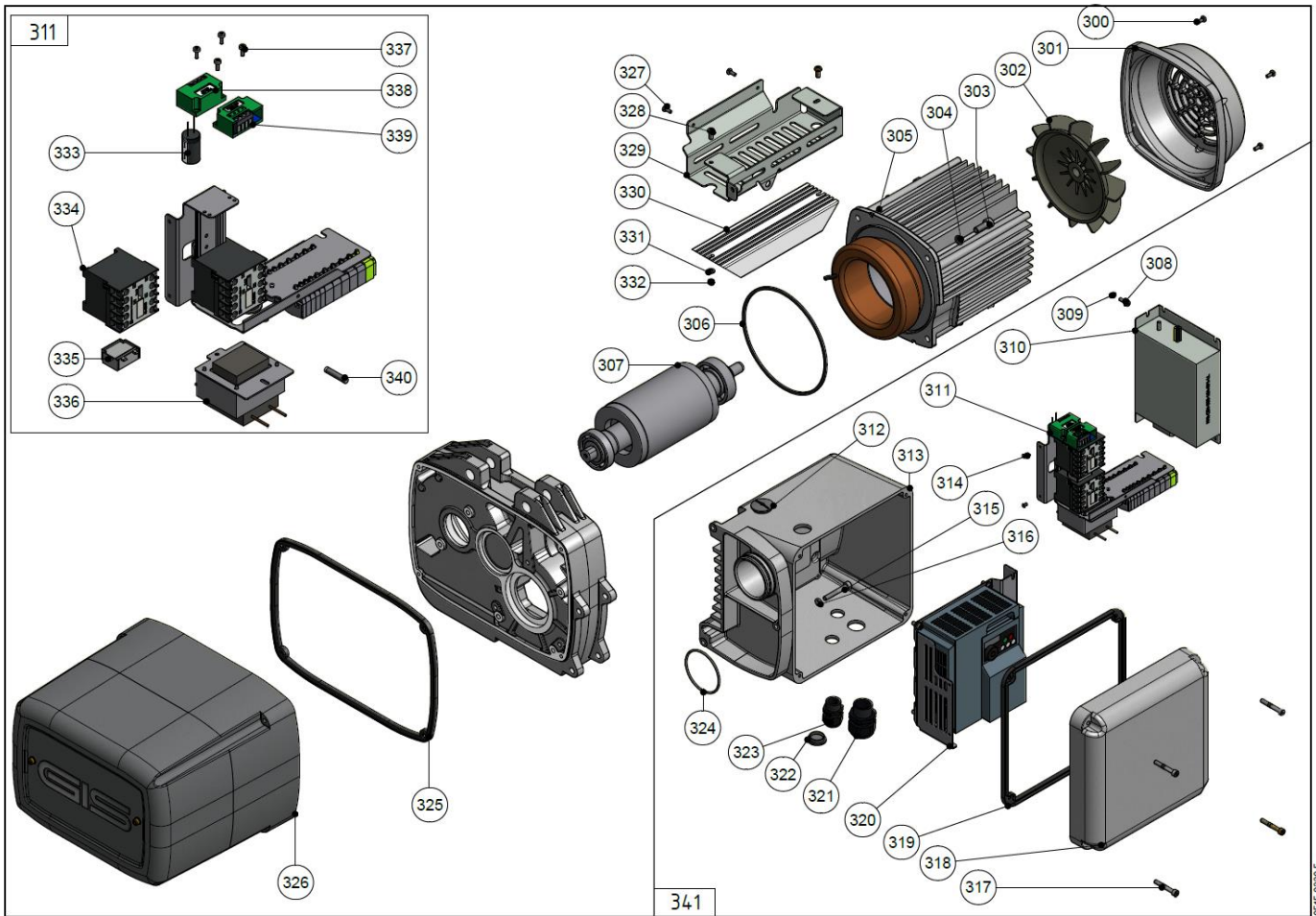
955-9270.5



955-9271.5

		GP 1000
100*	141 x 96	9515.3077.3
101	1t / 2t, L=120, -N/-NF/-SF	9515.3027.3
102	ø156 / ø149 x 2.5	9515.3054.4
103	2p, 3 x 230/400V 50Hz	9517.0250.3
	2p, 3 x 460V 60Hz	9517.0250.3
	2/8p, 3 x 230V 50Hz	9517.0351.3
	2/8p, 3 x 400V 50Hz	9517.0350.3
	2/8p, 3 x 460V 60Hz	9517.0350.3
104	ø166 / ø14 x 43	9515.3075.3
105	217 x 108 x 310	9515.3011.2
106	M6 x 60/24 N	9030.0339
107*	143 x 219 x 6	9515.3033.3
108	1.6A UL	9052.0012
109	M4 x 8	9030.0325
110	M4	9031.3901
111	2t+NA, 42V	9517.1100.2
	1t+NA, 42V	9517.1000.2
112	M25 x 1.5	9055.3517
113	M25 x 1.5	9055.3103
114	M25	9055.4013
115	ø29.5 / ø23.2 x 1	9040.2511
116	M25 x 1.5	9055.3513
117	M20 x 1.5	9055.3512
118	141 x 217 x 134	9515.3006.3
119	ø59 x 2.5 NBR 70	9035.0034
120	M5 x 12	9030.0003
121	M3 x 8	9030.8030
122	PMEA 500	9050.4023
123	1t / 2t, max. 480V	9512.1200.3
	DC	9512.1201.3
	1t / 2t, 500V-690V	9512.1202.3
124	400/42V 50/60Hz	9056.4701.4
	230/42V 50/60Hz	9056.4741.4
	460/42V 50/60Hz	9056.4741.4
125	M5 x 10	9030.0027
126	103 x 84 x 41	9500.3069.3
127	M5 x 25	9030.0022
128*	305 x 212 x 6	9515.3034.3
129	M6 x 60/24 N	9030.0339
130	303 x 251 x 210	9515.3005.3
131	M5 x 50/22	9030.0270
132	12Nm, 100-125VAC 50/60Hz	9050.4100
	12Nm, 200-240VAC 50/60Hz	9050.4101
	12Nm, 360-420VAC 50/60Hz	9050.4102
	12Nm, 440-480VAC 50/60Hz	9050.4103
	12Nm, 500-575VAC 50/60Hz	9050.4104
133	M8 x 40	9030.2018
134	M8	0031.0008
135	ø8.4 / ø16 x 1.6	0031.0578
136	258 x 176 x 254 N	9515.3020.2
	258 x 176 x 254 S	9515.3022.2
137	ø8 x 100	9031.5863
138*	ø76 x 18	9515.3062.3
139*	ø75 / ø51 x 4	9515.3061.4
140*	ø77 x 9	9515.3063.3
141*	185 x 140 x 92	9515.3078.3
142	M8	9031.3904
143	M8 x 30	9030.0288
144*	136 x 63 x 133	9515.3123.4
145*	ø82 x 41.5	9515.3030.2
146	DIN 471, 32 x 1.5	9031.2017
147	M8	9031.3904
148	M8 x 20	9030.0286
149	M6 x 20	0030.9230
150	ø10.5 / ø6.5 x 3	9040.2508
151	256 x 65 x 327	9515.3000.0
152*	120 x 60 x 72	9515.3008.2
153*	7.45 x 23	9039.0030
154	0.25 I	9041.0007
155	252 x 24.5 x 6 (7.45)	9041.6036
156	M8 x 55/28 T	9030.0343
157	M8 x 40/28 T	9030.0344
170	M12	9031.1225
171	ø16 / ø13 x 60	9405.3094.4
172	M12 x 80/36	9030.0340
173*	ø104.5 x 9.5	9515.3113.4

		GP 1000
200*	2K NA 3 m	9290.1086.3
	2K NA 4 m	9290.1087.3
	2K NA 5 m	9290.1088.3
	2K NA 6 m	9290.1089.3
	2K NA 7 m	9290.2014.3
	2K NA 8 m	9290.1090.3
	2K NA 10 m	9290.1091.3
	2K NA 12 m	9290.1092.3
	2K NA 15 m	9290.1093.3
	2K NA 20 m	9290.1094.3
201*	M20 x 1.5	9055.3102
202*	5 x 0.75 mm <sup>2</sup>	9055.0110
203	ø5 x 50	9031.8004
204*	2K NA	9290.2000.3
210	155 x 180 x 320, 1000/6	9515.3016.0
211	ø8 x 130	9500.3086.4
212	15 x 17 x 3.5	9031.2400
220*	80 x 80 x 90	9515.3094.3
221*	8.5 x 12 x 49	9515.3072.4
222	ø3 x 5	9031.6604
223	0.4 t	9220.3470.4
	0.5 t	9220.3471.4
	0.63 t	9220.3472.4
	0.8 t	9220.3473.4
	1 t	9220.3474.4
	1.25 t	9220.3475.4
	1.6 t	9220.3476.4
	2 t	9221.3412.4
	2.5 t	9230.3226.4
230	95 x 120 x 149	9515.3017.2
231	ø37 x 88	9515.3035.3
235	27 x 36 x 66	9515.3014.4
240	192 x 212 x 320, XS, 1000/8	9515.3108.3
	192 x 212 x 420, S, 1000/10	9515.3109.3
	192 x 212 x 590, M, 1000/20	9515.3110.3
	192 x 212 x 880, L, 1000/33	9515.3111.3
	192 x 212 x 940, XL, 1000/36	9515.3112.3
241	193 x 139 x 63	9515.3098.2
242	M8 x 85/28	9030.0342
243	M8	9031.1052
250*	182 x 120 x 40	9515.3082.4
251	23.5 x 47 x 18	9225.3096.4
252*	ø47 x ø30 x 1	0038.3128
253*	DIN 5405-T2 AXK3047	9038.0252
254*	ø47 x ø30 x 3	9038.1750
255*	69 x 40	9515.3119.4
260	ø5 x 62	9039.0409
261	55 x 46	9515.3013.3

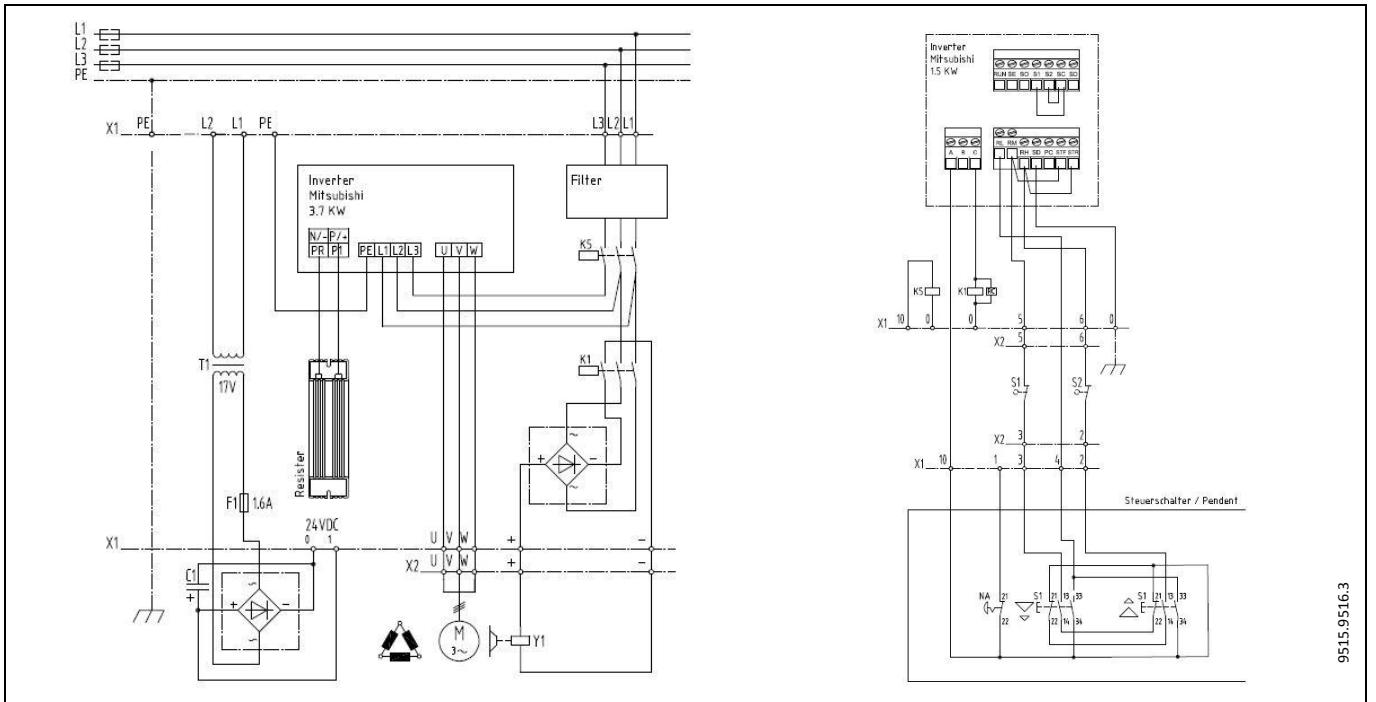


9515.9729.5

		GP 1000 FU
300	M4 x 10	9030.8048
301	184 x 184 x 61.5	9515.3004.2
302	Ø166/Ø14 x 35	9515.3075.3
303	M8 x 20	9030.0286
304	M8	9031.3904
305	4p 3x230/400V 50Hz - NL 2p 3x230/400V 50Hz - N	9517.0150.3 9517.0250.3
306	Ø156/Ø149 x 2.5	9515.3054.4
307	1t L=90-NL 2t L=120-N	9515.3028.3 9515.3027.3
308	M4 x 12	9030.0024
309	M4	0031.0035
310	FR-D740	9056.5008
311	FU 1-t 400/24V DC	9517.1020.2
312	M25 x 1.5	9055.3513
313	264 x 219 x 152	9515.3012.2
314	3 x 7	9031.7300
315	M6 x 40/24	9030.0279
316	M6	9040.2508
317	M5 x 35/22 N	9030.0331
318	224 x 219 x 46.5	9515.3015.3
319	226 x 221 x 6	9515.3101.4

		GP 1000 FU
320	FR-E740-095SC-EC	9515.3161.3
321	M25 x 1.5	9055.3103
322	M20 x 1.5	9055.3512
323	M16 x 1.5	9055.3102
324	Ø59 x 2.5 NBR 70	9035.0034
325	305 x 212 x 7	9515.3034.3
326	303 x 210 x 251	9515.3167.3
327	M4 x 10	9030.8048
328	M5 x 12	0030.3468
329	224.5 x 87.5 x 116	9515.3165.3
330	215 x 33 x 61	9405.3270.4
331	5.3/10 x 1	0031.0576
332	M5	0031.0036
333	1000µF Ø16 x 25	9059.0027
334	24V DC	9056.0075
335	RC-K1 24	9056.1009
336	400/17V	9056.4747.4
337	M3 x 8	9030.8030
338	PMEA 500	9050.4023
339	PMB 400	9050.4024
340	1.6A, UL	9052.0012
341	252 x 238 x 200	9515.3160.2

Frequenzsteuerung Inverter controlled	2 Geschwindigkeiten mit Not-Aus 2 speeds with emergency stop	3 Ph	9515.9516.3
F	Steuersicherung	Control fuse	
K	Schütz	Contactorr	
L	Zuleitung	Power supply	
N	Nullleiter	Neutral	
NA	Not-Aus	Emergency stop	
PE	Erdung	Earth	
S	Schalter	Switch	
T	Transformator	Transformer	
U, V, W	Motor	Motor	
X	Klemmenleiste	Terminal strip	
Y	Bremse	Brake	



Parameter Frequenzumformer / Parameter Inverter				
Parameter	Bedeutung / Meaning	Einstellbereich Setting Range	Einstellung GIS / Setting GIS	
			-NL (4-pol Motor)	-N (2-pol Motor)
0	Drehmomentanhebung (manuell) / Torque boost	0-15%	6	6
1	Maximale Ausgangsfrequenz / Maximum frequency	0-120Hz	90	90
3	V/f-kennlinie (Basisfrequenz) / Base frequency	0-120 Hz	90	90
4	1. Drehzahl-/Geschwindigkeitsvorwahl-RH / Multi-speed setting (high speed)	0-120Hz	15 auf langsam / 15 up slow	15 auf langsam / 15 up slow
5	2. Drehzahl-/Geschwindigkeitsvorwahl-RM / Multi-speed setting (middle speed)	0-120Hz	15 ab langsam / 15 down slow	15 ab langsam / 15 down slow
6	3. Drehzahl-/Geschwindigkeitsvorwahl-RL / Multi-speed setting (low speed)	0-120Hz	87 schnell / 87 fast	60 schnell / 60 fast
7	Beschleunigungszeit Rampe auf / Acceleration time	0-999s	0.7	0.7
8	Bremszeit Rampe ab / Deceleration time	0-999s	0.7	0.7
9	Stromeinstellung für elektr. Motorschutz / Electronic thermal O/L relay	0-500A	50	50
10	DC-Bremsung (Startfrequenz) / DC injection brake operation frequency	0-120Hz	0	0
11	DC-Bremsung (Zeit) / DC injection brake operation time	0-10s	0	0
12	DC-Bremsung (Spannung) / DC injection brake operation voltage	0-30%	0	0
18	Schnelldrehzahl Maximalfrequenz / High speed maximum frequency	120-400Hz	90	90
20	Bezugsfrequenz für Beschleunigungs-/Bremszeit Acceleration/deceleration reference frequency	1-120Hz	87	87
42	Frequenzüberwachung bei Rechtslauf / Output frequency detection	0-400Hz	3	3
43	Frequenzüberwachung bei Linkslauf / Output frequency detection for reverse rotation	0-400Hz	5	5
56	Bezugsgröße für externe Stromanzeige / Current monitoring reference	0-50A	12	12
72	PWM-Funktion / PWM frequency selection	1-15 0: 0.7kHz 15: 14.5kHz	8	8
77	Parameterschutz / Parameter write selection	0-15%	2	2
79	Betriebswahl / Operation mode selection	0-15%	2	2
156	Anwahl der Strombegrenzung / Stall prevention operation selection	0-15%	14	14
190	Funktionszuweisung RUN Klemme / RUN terminal function selection	0-15%	4	4
192	Funktionszuweisung ABC Klemme / ABC terminal function selection	0-15%	4	4
245	Motorschleupf / Rated slip	0-15%	6	6
246	Ansprechzeit Schlupfkompensation / Slip compensation time constant	0-15%	0.1	0.1