

TECHNICAL DATA

Nominal data	Terminal	KW2 KW 2-F	KW3	KW 4-F	KW 5
Input voltage (UZP, UZN) (Power supply)	X05	540 VDC (max. 720 VDC)			
Input current at 540 VDC (Power supply)	X05	3,8 A	5,6 A	7,6 A	9,3 A
Shutdown threshold of the DC bus voltage		850VDC			
Supply voltage (Logic supply)	X08 X09	24 VDC			
Input power (Logic supply)		12 W (+2,5 W / Option)			
Efficiency		ca. 98 %			
Control procedure / switch frequency		PWM 8 kHz			
Output frequency KW-R03 (P) / KW-R04 KW-R05 /- R06/ R-16 / -R07 /- R17 /- R24 (-R) /-R25 / -R26 /-R27	X04	0 - 800 Hz 0 - 1200 Hz			
Output voltage	X04	0-350 VAC (sine-shaped output current)			
Output rated power at 3 x 350 VAC	X04	2 kVA	3 kVA	4 kVA	5 kVA
Output rated current I_N	X04	3,3 A	5 A	6,6 A	8,25 A
Peak output current I_{max}	X04	6,6 A	10 A	13,2 A	16,5 A
Max. time Peak output current I_{max}	X04				
Output frequency $f_{out} > 1$ Hz		10 s			
Output frequency $f_{out} \leq 1$ Hz		0,5 s			
Protective / monitoring functions		Motor over-current / short-circuit / short-to-ground, Excess temperature -heat sink / motor - current overload after I^2t			
Cooling		KW x= External air or liquid cold plate KW x-F= Integrated air cooling			
Max. cold plate or ambient temperature		40°C			
Module width		55 mm			
Weight		3 kg			