

Technical specifications

Recommended supply voltage U_N Rated alternating current I_{LN} Maximum converter output frequency Performance range of the drive kW Inductance per phase mH Total power loss W Total weight kg	See "Selection and ordering data" table
Frequency	Converter output frequency maximum 600 Hz Clock frequency of converter ≤ 16 kHz
Degree of protection	IP00 according to DIN VDE 0470-1/EN 60529
Terminal	on request
Rating of creepage distances and clearances	Degree of soiling 2 according to DIN VDE 0110
Rated voltage for insulation (for site altitudes up to 2000 m above sea level)	Version with terminals: 690 V AC Version with flat terminations: 1000 V AC
Permissible ambient temperature during operation	0°C to +40°C
Deviation of the permissible alternating current from rated alternating current I_{LN} at coolant temperatures $\neq +40^\circ\text{C}$	See "Configuration notes"
Temperature classes	t_a 40°C/B Natural air cooling (S) according to DIN 41751
Site altitude	≤ 1000 m above sea level
Deviation of the permissible alternating current from rated alternating current I_{LN} (at site altitudes > 1000 m above sea level)	See "Configuration notes"
Standards/approvals	The reactors comply with VDE 0805
Dimensions	on request
Storage temperature	-25°C to +55°C
Transport temperature	-25°C to +70°C
Permissible humidity rating	Humidity 5% to 95% occasional condensation permissible