Technical specifications

Recommended supply voltage U_N **Rated alternating current I_{Ln}** **Maximum converter output frequency** **Performance range of drive kW** **Inductance per phase mH** **Total power loss W** **Total weight kg**	See the table "Selection and ordering data".
Frequency	Maximum converter output frequency: 600 Hz Clock frequency of converter: ≤ 16 kHz
Degree of protection	IP00 according to DIN VDE 0470-1/EN 60529
Rating of creepage distance and clearance	Pollution degree 2 according to DIN VDE 0110
Rated voltage for insulation (for installation altitudes of up to 2000 m above sea level)	Version with terminals: 690 V AC; with flat terminals: 1000 V AC
Permissible ambient temperature during operation	0 °C ... +40 °C
Deviation of the permissible alternating current from the rated alternating current I_{Ln} at coolant temperatures ≠ +40 °C	See "Configuration notes".
Temperature classes	t_a 40 °C/B, natural air cooling (S) according to DIN 41751
Installation altitude	≤ 1000 m above sea level
Deviation of the permissible alternating current from the rated alternating current I_{Ln} (at installation altitudes > 1000 m above sea level)	See "Configuration notes".
Standards/approvals	The reactors comply with VDE 0805
Storage temperature	–25 °C ... +55 °C
Transport temperature	–25 °C ... +70 °C
Permissible humidity rating	Humidity 5 % ... 95 % occasional condensation permissible