

Technical specifications

Recommended supply voltage U_N	See the table "Selection and ordering data".
Rated alternating current I_{Ln}	
Inductance per phase mH	
Total power loss W	
Total weight kg	
Frequency	Maximum converter output frequency: 200 Hz Clock frequency of converter: up to 8 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 Version 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 \neq +40 °C	See "Configuration notes".
Temperature classes	Type 4EP t_a 40 °C/F; Type 4EU t_a 40 °C/H
Installation altitude	\leq 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 EN 61558-2-20 UL 508: NMTR2, NMTR8, CSA 22.2 No. 14-M95 for types 4EP UL 1561: XQNX2, XQNX8, CSA 22.2 H47 for types 4EU
Storage temperature	-25 °C ... +55 °C
Transport temperature	-25 °C ... +70 °C
Permissible humidity rating	Humidity 5 % ... 95 % occasional condensation permissible