Technical specifications

Recommended supply voltage U_N **Rated alternating current I_{Ln}** **Max. continuous thermal current I_{thmax}** **Voltage drop Δu per phase** **Inductance per phase mH** **Core losses P_{Fe} at f = 50 Hz** **Winding losses P_W** **Weight**	See the table "Selection and ordering data"	
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)	4EP with terminals: 4EP with flat terminal and 4EU24 to 4EU43 (EN 61558): 4EU45 to 4EU56 (DIN VDE 0532): At $U_N \leq 500$ V for 4EP and 4EU:	690 V AC 1000 V AC 1100 V AC 600 V AC according to cULus
Permissible ambient temperature during operation	Type 4EP: –25 °C ... +70 °C Type 4EU: –25 °C ... +80 °C	

Deviation of the permissible alternating current from the rated alternating current I_{Ln} Coolant temperatures ≠ +40 °C	See "Configuration notes".
Temperature classes	Type 4EP: t_a 40 °C/B Type 4EU: t_a 40 °C/H (utilization according to F for applications according to EN 61558) Type 4EU: Temperature class H (for applications according to cULus)
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".
Operation with varying load	Rating on request
Standards/approvals	The reactors comply with EN 61558-2-20 (type 4EU45 to 4EU56: DIN VDE 0532) UL 1561: XQNX2, XQNX8, CSA 22.2 H47 (applies to reactors with $U_N \leq 600$ V according to UL)
Storage temperature	–25 °C ... +55 °C
Transport temperature	–25 °C ... +70 °C
Permissible humidity rating	Humidity 5 % ... 95 % occasional condensation permissible