

Technical specifications

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 All versions: 600 V AC for 4EP and 4EU according to UL
Reduction factor	5.67 %, 7 %, 14 %
Performance range P_n	5 kvar ... 100 kvar
Monitoring	Temperature switch is integrated, contacts are fitted on terminals.
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} at coolant temperatures \neq +40 °C	See "Configuration notes".
Temperature classes	Type 4EP: t_a 40 °C/B 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 / VDE 0532. UL 1561: XQNX2, XQNX8, CSA 22.2 H47
Storage temperatures	-25 °C ... +55 °C
Transport temperatures	-25 °C ... +70 °C
Permissible humidity rating	Humidity 5 % ... 95 % occasional condensation permissible