

Technical specifications

Rated direct current I_{dn} Energy content E at I_{thmax} Maximum rated direct current I_{dn} Power loss P_{Al} for 4PK Weight	See "Selection and ordering data" table
Inductance for I_{dn}	on request
Degree of protection	IP00 according to DIN VDE 0470-1/EN 60529
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)	2 kV
Reduction of the rated voltage for insulation (at site altitudes > 2000 m above sea level)	See "Configuration notes"
Permissible ambient temperature during operation	-25°C to +80°C
Deviation of permissible direct current from rated direct current I_{dn} at coolant temperatures \neq +40°C	See "Configuration notes"
Temperature classes	t_a 40°C/F
Site altitude	\leq 1000 m above sea level
Deviation of permissible direct current from rated direct current I_{dn} (at site altitudes > 1000 m above sea level)	See "Configuration notes"
Standards/approvals	The reactors comply with DIN VDE 0532
Storage temperature	-25°C to + 55°C
Transport temperature	-25°C to + 70°C
Permissible humidity rating	Humidity 5% to 95% occasional condensation permissible
Permissible short-circuit current	$20 \cdot I_{dn}$ for 1 s