

Technical specifications

Recommended supply voltage U_N	3 AC 500 V / 690 V
Rated alternating current I_{Ln}	up to approx. 860 A
Test voltage	Depending on the version
Performance range of the drive	up to approx. 800 kW
Total power loss W	on request
Total weight kg	on request
Frequency	f_{max} = 200 Hz at converter output Clock frequencies $\leq$ 4 kHz
Degree of protection	IP00 according to DIN VDE 0470-1/EN 60529
Safety class	I according to DIN VDE 0160-1/05.82 IEC 536/1976
Terminal	Flat termination/terminals depend on the performance class
Rating of creepage distances and clearances	Degree of soiling 2 according to DIN VDE 0110
Permissible ambient temperature during operation	0°C to +40°C
Deviation of the permissible alternating current from rated alternating current I_{Ln} (at coolant temperatures $\neq$ +40°C)	on request
Temperature classes	depending on the version
Site altitude	$\leq$ 1000 m above sea level
Deviation of the permissible alternating current from rated alternating current I_{Ln} (at site altitudes > 1000 m above sea level)	See "Configuration notes"
Standards/approvals	The reactors comply with EN 61558-2-20
Storage temperature	-25°C to +55°C
Transport temperature	-25°C to +70°C
Permissible humidity rating	Humidity 5% to 95% occasional condensation permissible