

## Technical specifications

<b>Recommended supply voltage <math>U_N</math></b>	3 AC 600 V $\pm$ 10%
<b>Rated alternating current <math>I_{LN}</math></b>	1.7 ... 200 A
<b>Test voltage</b>	4 kV AC live parts against casing
<b>Reference voltage drop <math>\Delta u</math> per phase for <math>I_{LN}</math> and <math>f = 50</math> Hz or <math>f = 60</math> Hz</b>	2%, 4% (application and type-specific) customised design
<b>Performance range of corresponding converter <math>P_n</math></b>	0.75 to 75 kW, higher outputs on request
<b>Inductance per phase mH</b>	0.07 mH to 11.5 mH (application-specific)
<b>Total power loss W</b>	on request
<b>Total weight kg</b>	on request
<b>Frequency</b>	47 ... 63 Hz
<b>Degree of protection</b>	Assembly in zinc-plated steel housing in IP20
<b>Terminal</b>	Line-side bushing terminals, free cable end for connection of frequency converter input, cable according to customer requirements
<b>Rating of creepage distances and clearances</b>	Degree of soiling 2 according to DIN VDE 0110
<b>Rated voltage for insulation</b> (for site altitudes up to 2000 m above sea level)	Version with terminals: 600 V AC
<b>Permissible ambient temperature during operation</b>	-10°C to +50°C
<b>Deviation of the permissible alternating current from rated alternating current <math>I_{LN}</math></b>	on request
<b>Temperature classes</b>	$t_a$ 50°C/F (B)
<b>Site altitude</b>	$\leq$ 1000 m above sea level
<b>Deviation of the permissible alternating current from rated alternating current <math>I_{LN}</math></b> (at site altitudes > 1000 m above sea level)	See "Configuration notes"
<b>Standards/approvals</b>	The reactors comply with EN 61558-2-20 Electromagnetic compatibility according to EN 61000-4-2,3,4 Vibration EN 60068-2-31 All reactors are built according to UL506, approval on request
<b>Dimensions</b>	Reactor casing with a maximum height of 50 mm to $P_n = 22$ kW, Maximum height of casing 60 mm to $P_n \leq 75$ kW. Further dimensions by separate agreement
<b>Storage temperature</b>	-20°C to +70°C
<b>Permissible humidity rating</b>	Relative humidity at +40°C to 95% Condensation not permissible