

## Technical specifications

<b>Recommended supply voltage (converter output voltage) <math>U_N</math></b>	3 AC 480 V $\pm 10$ %
<b>Rated alternating current <math>I_{LN}</math></b>	3.9 A ... 178 A
<b>Test voltage</b>	4 kV AC live parts against enclosure
<b>Performance range of corresponding converter <math>P_n</math></b>	0.75 kW ... 75 kW, higher outputs on request
<b>Inductance per phase mH</b>	0.029 mH ... 2.6 mH (application-specific)
<b>Total power loss W</b>	On request
<b>Total weight kg</b>	On request
<b>Frequency</b>	$f_{max}$ = 400 Hz at converter output Clock frequency $\leq$ 4 kHz
<b>Degree of protection</b>	Assembly in zinc-plated steel housing in IP20
<b>Connection</b>	Bushing terminals for the connection of motor supply cable, shielded cable end for connection to frequency converter output, cable according to customer requirements
<b>Rating of creepage distance and clearance</b>	Pollution degree 2 according to DIN VDE 0110
<b>Rated voltage for insulation</b> (for installation altitudes of up to 2000 m above sea level)	Version with terminals: 600 V AC
<b>Permissible ambient temperature during operation</b>	-10 °C ... +50 °C
<b>Deviation of the permissible alternating current from the rated alternating current <math>I_{LN}</math></b>	On request
<b>Temperature classes</b>	$t_n$ 50 °C/F
<b>Installation altitude</b>	$\leq$ 1000 m above sea level
<b>Deviation of the permissible alternating current from the rated alternating current <math>I_{LN}</math></b> (for installation 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 in compliance with UL506, approval on request.
<b>Dimensions</b>	Reactor enclosure with a maximum height of 80 mm to $P_n \leq 75$ kW. Further dimensions on request
<b>Storage temperature</b>	-20 °C to +70 °C
<b>Permissible humidity rating</b>	Relative humidity +40 °C to 95 % Condensation not permissible

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