

## Technical specifications

<b>Recommended supply voltage <math>U_N</math></b>	1 AC 230 V $\pm 10$ %
<b>Rated alternating current <math>I_{LN}</math></b>	3.0 A ... 26.0 A
<b>Test voltage</b>	4 kV AC live parts against enclosure
<b>Reference voltage drop <math>\Delta u</math> per phase at <math>I_{LN}</math> and <math>f = 50</math> Hz or <math>f = 60</math> Hz</b>	2 %, 4 % (application and type-specific) customized design
<b>Performance range <math>P_n</math></b>	0.75 kW ... 11 kW, higher outputs on request
<b>Inductance per phase mH</b>	0.57 ... 9.5 mH (application and type-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>Connection</b>	Line-side bushing terminals, free cable end for connection to frequency converter input, 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> (at coolant temperatures $\neq +40$ °C)	On request
<b>Temperature classes</b>	$t_a$ 50 °C/F (B)
<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 50 mm for $P_n \leq 11$ kW. Further dimensions on request
<b>Storage temperature</b>	-20 °C ... +70 °C
<b>Permissible humidity rating</b>	Relative humidity +40 °C to 95 % Condensation not permissible

If you are interested in any of our products or need further assistance, please e-mail: [Anfrage@mdexx.com](mailto:Anfrage@mdexx.com)