

## Technical specifications

<b>Recommended supply voltage <math>U_N</math></b> <b>Rated alternating current <math>I_{LN}</math></b> <b>Total power loss W</b> <b>Total weight kg</b>	See the table "Selection and ordering data"
<b>Test voltage</b>	3.6 kV DC, live parts against enclosure
<b>Performance range of the drive</b>	1.5 kW ... 132 kW, higher outputs on request
<b>Frequency</b>	$f_{max} = 150$ Hz, clock frequency $\geq 4$ kHz $\leq 8$ kHz
<b>Degree of protection</b>	IP00 according to DIN VDE 0470-1/EN 60529 Finger-safe terminals according to BGV A2
<b>Protection class</b>	I according to DIN VDE 0160-1/05.82, IEC 536/1976
<b>Connection</b>	Finger-safe terminals
<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 1000 m above sea level)	500 V AC
<b>Permissible ambient temperature during operation</b>	0 °C ... +40 °C
<b>Deviation of the permissible alternating current from the rated alternating current <math>I_{LN}</math></b> (at coolant temperatures $\neq$ +40 °C)	See "Configuration notes".
<b>Temperature classes</b>	$t_a$ 40 °C/F or $t_a$ 40 °C/H depending on design rating
<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> (at installation altitudes $> 1000$ m above sea level)	See "Project planning aids".
<b>Standards/approvals</b>	The reactors comply with EN 61558-2-20, UL 508: Device assembly
<b>Storage temperature</b>	-25 °C ... +55 °C
<b>Transport temperature</b>	-25 °C ... +70 °C
<b>Permissible humidity rating</b>	Humidity 5 % ... 95 % occasional condensation permissible

<sup>1)</sup> If a sinewave filter is placed upstream of the Ex(d) motor at the converter, please contact us to find out more about operating conditions.