

VW3A4556

line/motor choke - 0.3 mH - 100 A - 3 phases -
260 W - for variable speed drive

Main

Commercial Status	Commercialised
Product or component type	Line/Motor choke
Product compatibility	ATV71WD55N4 for line choke ATV71WD45N4 for line choke ATV71WD37N4 for line choke ATV71WD30N4 for line choke ATV71HD90Y for line choke ATV71HD75Y for line choke ATV71HD55Y for line choke ATV71HD55N4 for line choke ATV71HD45N4 for line choke ATV71HD37N4 for line choke ATV71HD30N4 for line choke ATV71HD15M3X for line choke ATV61WD55N4C for line choke ATV61WD55N4 for line choke ATV61WD45N4C for line choke ATV61WD45N4 for line choke ATV61WD37N4C for line choke ATV61WD37N4 for line choke ATV61WD30N4C for line choke ATV61WD30N4 for line choke ATV61HD90Y for line choke ATV61HD75Y for line choke ATV61HD55N4 for line choke ATV61HD45N4 for line choke ATV61HD37N4 for line choke ATV61HD30N4 for line choke ATV61HD15M3X for line choke
Number of phases	Three phase
Range compatibility	Altivar 61 Altivar 71
Product specific application	Reduction of overvoltages at motor terminals Reduction of current harmonics
Value of inductance	0.3 mH
[In] rated current	100 A
Product compatibility	ATV61HD15M3X ATV61HD30N4 ATV61HD37N4 ATV61HD45N4 ATV61HD55N4 ATV61HD75Y ATV61HD90Y ATV61WD30N4 ATV61WD30N4C ATV61WD37N4 ATV61WD37N4C ATV61WD45N4 ATV61WD45N4C ATV61WD55N4 ATV61WD55N4C ATV71HD15M3X ATV71HD30N4 ATV71HD37N4 ATV71HD45N4 ATV71HD55N4 ATV71HD55Y ATV71HD75Y ATV71HD90Y ATV71WD30N4 ATV71WD37N4 ATV71WD45N4 ATV71WD55N4

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Thermal losses	260 W
Electrical connection	Bare wires, Ø = 6.5 mm

Complementary

Power supply frequency	50...60 Hz
Max current	1.65 x nominal current for 60 s
Voltage drop at rated load	3...5 %
Electrical insulation class	Class F
Clearance distance	5.5 mm conforming to IEC 60664
Leakage distance	11.5 mm conforming to IEC 60664
Product weight	16 kg
Width	270 mm
Height	210 mm
Depth	180 mm

Environment

Standards	EN 50178 IEC 60076 (with HD398) VDE 0160 level 1
IP degree of protection	IP00 (terminals) IP00 (choke)
Environmental characteristic	3S1 conforming to IEC 721-3-3 3C2 conforming to IEC 721-3-3 3B1 conforming to IEC 721-3-3
Pollution degree	2 conforming to EN 50178
Vibration resistance	1.5 mm peak to peak (f = 3...13 Hz) conforming to IEC 60068-2-6 1 gn (f = 13...200 Hz) conforming to IEC 60068-2-6
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27
Relative humidity	<= 95 %
Ambient air temperature for operation	0...45 °C without current derating > 45...< 55 °C with current derating of 2 % per °C
Ambient air temperature for storage	-25...70 °C
Operating altitude	1000...3000 m with current derating 1 % per 100 m <= 1000 m without current derating

RoHS compliance

RoHS EUR status	Compliant
RoHS EUR conformity date(YYWW)	0801

Contractual warranty

Period	18 months
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