

VW3A4553

line/motor choke - 2 mH - 16 A - 3 phases - 75 W - for variable speed drive



Main

Product or component type	Line/Motor choke
Product compatibility	LXM32.U60N4 for line choke LXM32.D12N4 for line choke ATV32HU55N4 for motor choke ATV32HU22M2 for motor choke ATV32HU75N4 for line choke ATV32HU55N4 for line choke ATV61HU75S6X for line choke ATV12PU30M3 for motor choke ATV12PU22M3 for motor choke ATV12HU30M3 for motor choke ATV312HU22M2 for motor choke ATV312HU75S6 for motor choke ATV312HU55N4 for motor choke ATV312HU30M3 for motor choke ATV312HU22M3 for motor choke ATV71HU75S6X for line choke ATV312HU75S6 for line choke ATV312HU75N4 for line choke ATV312HU55N4 for line choke ATV312HU30M3 for line choke ATV312HU22M3 for line choke ATV312HD11S6 for line choke ATV12HU22M3 for motor choke ATV12HU22M2 for motor choke LXM05D42M3X for line choke ATV71WU75N4 for line choke ATV71WU55N4 for line choke ATV71PU75N4Z for line choke ATV71PU55N4Z for line choke ATV71HU75N4 for line choke ATV71HU55N4 for line choke ATV71HU30M3 for line choke ATV71HD15Y for line choke ATV71HD11Y for line choke ATV61WU75N4C for line choke ATV61WU75N4 for line choke ATV61WU55N4C for line choke ATV61WU55N4 for line choke ATV61HU75N4 for line choke ATV61HU55N4 for line choke ATV61HU30M3 for line choke ATV61HD18Y for line choke ATV61HD15Y for line choke ATV31CU75N4 for line choke ATV31CU55N4 for motor choke ATV31CU55N4 for line choke ATV31CU22M2 for motor choke
Number of phases	Three phase
Range compatibility	Altivar 12 Altivar 312 Altivar 61 Altivar 71 Lexium 05 Altivar 32 Lexium 32 Altivar 31C Altivar 312 Solar Lexium 32i
Product specific application	Reduction of overvoltages at motor terminals Reduction of current harmonics
Value of inductance	2 mH
[In] rated current	16 A

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Product compatibility	ATV12HU22M2 ATV12HU22M3 ATV12HU30M3 ATV12PU22M3 ATV12PU30M3 ATV312HD11S6 ATV312HU22M2 ATV312HU22M3 ATV312HU30M3 ATV312HU55N4 ATV312HU75N4 ATV312HU75S6 ATV31CU22M2 ATV31CU55N4 ATV31CU75N4 ATV61HD15Y ATV61HD18Y ATV61HU30M3 ATV61HU55N4 ATV61HU75N4 ATV61WU55N4 ATV61WU55N4C ATV61WU75N4 ATV61WU75N4C ATV71HD11Y ATV71HD15Y ATV71HU30M3 ATV71HU55N4 ATV71HU75N4 ATV71PU55N4Z ATV71PU75N4Z ATV71WU55N4 ATV71WU75N4 LXM05D42M3X ATV32HU22M2 ATV32HU55N4 ATV32HU75N4 LXM32.U60N4 LXM32.D12N4 ATV61HU75S6X ATV71HU75S6X
Thermal losses	75 W
Electrical connection	Terminal 6 mm ² / AWG 8, 0.8...1 N.m

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	3.5 kg
Width	130 mm
Height	155 mm
Depth	90 mm

Environment

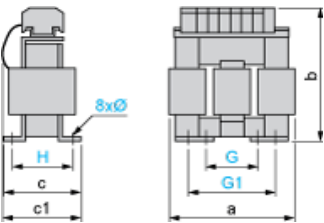
Standards	EN 50178 IEC 60076 (with HD398) VDE 0160 level 1
IP degree of protection	IP20 (terminals) IP00 (choke)
Environmental characteristic	3S1 conforming to IEC 721-3-3 3C2 conforming to IEC 721-3-3 3B1 conforming to IEC 721-3-3
Pollution degree	2 conforming to EN 50178
Vibration resistance	1.5 mm 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

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0801 - Schneider Electric declaration of conformity

Dimensions



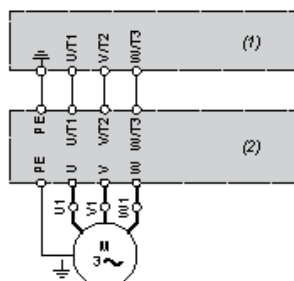
Dimensions in mm

a	b	c	c1	G	G1	H	Ø
130	155	85	90	60	80.5	62	6 x 12

Dimensions in in.

a	b	c	c1	G	G1	H	Ø
5.12	6.10	3.35	3.54	2.36	3.17	2.44	0.24 x 0.47

Recommended Scheme



- (1) Drive
(2) Filter