

VW3A4553

line/motor choke - 2 mH - 17 A - 3 phases - 75 W -
for variable speed drive



Main

Range of product	Altivar
Product or component type	Line/motor choke
Product compatibility	ATV31CU22M2 - motor choke - 1 per drive ATV31CU55N4 - line choke - 1 per drive ATV31CU55N4 - motor choke - 1 per drive ATV31CU75N4 - line choke - 1 per drive ATV61HD11Y - line choke - 1 per drive ATV61HD15Y - line choke - 1 per drive ATV61HU30M3 - line choke - 1 per drive ATV61HU55N4 - line choke - 1 per drive ATV61HU75N4 - line choke - 1 per drive ATV61WU55N4 - line choke - 1 per drive ATV61WU55N4C - line choke - 1 per drive ATV61WU75N4 - line choke - 1 per drive ATV61WU75N4C - line choke - 1 per drive ATV71HD11Y - line choke - 1 per drive ATV71HD15Y - line choke - 1 per drive ATV71HU30M3 - line choke - 1 per drive ATV71HU55N4 - line choke - 1 per drive ATV71HU75N4 - line choke - 1 per drive ATV71PU55N4Z - line choke - 1 per drive ATV71PU75N4Z - line choke - 1 per drive ATV71WU55N4 - line choke - 1 per drive ATV71WU75N4 - line choke - 1 per drive LXM05D42M3X - line choke - 1 per drive ATV12HU22M2 - motor choke - 1 per drive ATV12HU22M3 - motor choke - 1 per drive ATV312HD11S6 - line choke - 1 per drive ATV312HU22M3 - line choke - 1 per drive ATV312HU30M3 - line choke - 1 per drive ATV312HU55N4 - line choke - 1 per drive ATV312HU75N4 - line choke - 1 per drive ATV312HU75S6 - line choke - 1 per drive ATV71HU75S6X - line choke - 1 per drive ATV312HU22M3 - motor choke - 1 per drive ATV312HU30M3 - motor choke - 1 per drive ATV312HU55N4 - motor choke - 1 per drive ATV312HU75S6 - motor choke - 1 per drive ATV312HU22M2 - motor choke - 1 per drive ATV12HU30M3 - motor choke - 1 per drive ATV12PU22M3 - motor choke - 1 per drive ATV12PU30M3 - motor choke - 1 per drive ATV61HU75S6X - line choke - 1 per drive ATV32HU55N4 - line choke - 1 per drive ATV32HU75N4 - line choke - 1 per drive ATV32HU22M2 - motor choke - 1 per drive ATV32HU55N4 - motor choke - 1 per drive LXM32.D12N4 - line choke - 1 per drive LXM32.U60N4 - line choke - 1 per drive Variable speed drive ATV310 motor : 4 kW - line choke - 1 per drive Variable speed drive ATV310 motor : 5.5 kW - line choke - 1 per drive Variable speed drive ATV310 motor : 5.5 kW - motor choke - 1 per drive Variable speed drive ATV340 motor : 4 kW 380...480 V - line choke - 1 per drive Variable speed drive ATV340 motor : 5.5 kW 380...480 V - line choke - 1 per drive Variable speed drive ATV340 motor : 7.5 kW 380...480 V - line choke - 1 per drive Variable speed drive ATV320 motor : 5.5 kW 380...500 V - three phase - line choke - 1 per drive Variable speed drive ATV320 motor : 7.5 kW 380...500 V - three phase - line choke - 1 per drive Variable speed drive ATV320 motor : 2.2 kW 200...240 V - single phase - motor choke - 1 per drive

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Variable speed drive ATV320 motor : 5.5 kW
 380...500 V - three phase - motor choke - 1 per drive
 Variable speed drive ATV320 motor : 2.2 kW
 200...240 V - three phase - line choke - 1 per drive
 Variable speed drive ATV320 motor : 3 kW
 200...240 V - three phase - line choke - 1 per drive
 Variable speed drive ATV320 motor : 2.2 kW
 200...240 V - three phase - motor choke - 1 per drive
 Variable speed drive ATV320 motor : 3 kW
 200...240 V - three phase - motor choke - 1 per drive
 Variable speed drive ATV320 motor : 5.5 kW
 525...600 V - three phase - line choke - 1 per drive
 Variable speed drive ATV320 motor : 7.5 kW
 525...600 V - three phase - line choke - 1 per drive
 Variable speed drive ATV320 motor : 7.5 kW
 525...600 V - three phase - motor choke - 1 per drive
 Variable speed drive ATV630 motor : 11 kW
 500...690 V - three phase - line choke - 1 per drive
 Variable speed drive ATV630 motor : 15 kW
 500...690 V - three phase - line choke - 1 per drive
 Variable speed drive ATV930 motor : 11 kW
 500...690 V - three phase - line choke - 1 per drive
 Variable speed drive ATV930 motor : 15 kW
 500...690 V - three phase - line choke - 1 per drive
 Variable speed drive ATV630 motor : 600 V - three phase - line choke - 10 hp - 1 per drive
 Variable speed drive ATV630 motor : 600 V - three phase - line choke - 15 hp - 1 per drive
 Variable speed drive ATV930 motor : 600 V - three phase - line choke - 10 hp - 1 per drive
 Variable speed drive ATV930 motor : 600 V - three phase - line choke - 15 hp - 1 per drive
 Variable speed drive ATV310L motor : 0.75 kW
 Variable speed drive ATV310L motor : 1.5 kW
 Variable speed drive ATV310L motor : 2.2 kW
 Variable speed drive ATV310L motor : 3 kW
 Variable speed drive ATV310L motor : 4 kW
 Variable speed drive ATV310L motor : 5.5 kW

Network 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 Altivar Easy 310 Lexium 52 Lexium 62 Altivar Process ATV600 Altivar Process ATV900 Altivar Machine ATV320 Altivar Machine ATV340 Altivar 310L
Device application	Reduction of current harmonics Reduction of overvoltages at motor terminals
Value of inductance	2 mH
[In] rated current	17 A
Thermal losses	75 W
Electrical connection	Terminal 6 mm ² / AWG 8, 0.8...1 N.m

Complementary

Supply frequency	50...60 Hz
Max current	1.65 x nominal current for 60 s
Voltage drop at rated load	<= 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

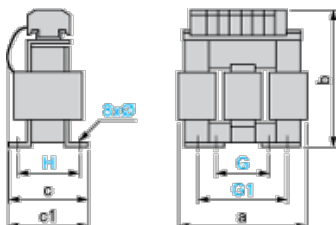
Environment

standards	EN 50178 IEC 60076 (with HD398) VDE 0160 level 1
IP degree of protection	IP00 (choke) IP20 (terminals)
environmental characteristic	3B1 conforming to IEC 721-3-3 3C2 conforming to IEC 721-3-3 3S1 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	0...95 %
ambient air temperature for operation	0...45 °C without current derating 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 m without current derating 1000...3000 m with current derating 1 % per 100 m

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0801 - Schneider Electric declaration of conformity

Dimensions



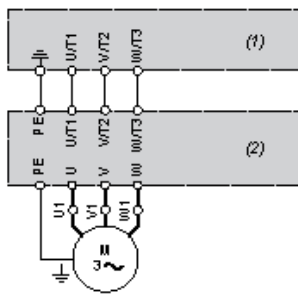
Dimensions in mm

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