

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	<p>Variable speed drive ATV340 4 kW 380...480 V - line choke - 1 per drive</p> <p>ATV31CU22M2 - motor choke - 1 per drive</p> <p>ATV31CU55N4 - line choke - 1 per drive</p> <p>ATV31CU55N4 - motor choke - 1 per drive</p> <p>ATV31CU75N4 - line choke - 1 per drive</p> <p>ATV61HD11Y - line choke - 1 per drive</p> <p>ATV61HD15Y - line choke - 1 per drive</p> <p>ATV61HU30M3 - line choke - 1 per drive</p> <p>ATV61HU55N4 - line choke - 1 per drive</p> <p>ATV61HU75N4 - line choke - 1 per drive</p> <p>ATV61WU55N4 - line choke - 1 per drive</p> <p>ATV61WU55N4C - line choke - 1 per drive</p> <p>ATV61WU75N4 - line choke - 1 per drive</p> <p>ATV61WU75N4C - line choke - 1 per drive</p> <p>ATV71HD11Y - line choke - 1 per drive</p> <p>ATV71HD15Y - line choke - 1 per drive</p> <p>ATV71HU30M3 - line choke - 1 per drive</p> <p>ATV71HU55N4 - line choke - 1 per drive</p> <p>ATV71HU75N4 - line choke - 1 per drive</p> <p>ATV71PU55N4Z - line choke - 1 per drive</p> <p>ATV71PU75N4Z - line choke - 1 per drive</p> <p>ATV71WU55N4 - line choke - 1 per drive</p> <p>ATV71WU75N4 - line choke - 1 per drive</p> <p>LXM05D42M3X - line choke - 1 per drive</p> <p>ATV12HU22M2 - motor choke - 1 per drive</p> <p>ATV12HU22M3 - motor choke - 1 per drive</p> <p>ATV312HD11S6 - line choke - 1 per drive</p> <p>ATV312HU22M3 - line choke - 1 per drive</p> <p>ATV312HU30M3 - line choke - 1 per drive</p> <p>ATV312HU55N4 - line choke - 1 per drive</p> <p>ATV312HU75N4 - line choke - 1 per drive</p> <p>ATV312HU75S6 - line choke - 1 per drive</p> <p>ATV71HU75S6X - line choke - 1 per drive</p> <p>ATV312HU22M3 - motor choke - 1 per drive</p> <p>ATV312HU30M3 - motor choke - 1 per drive</p> <p>ATV312HU55N4 - motor choke - 1 per drive</p> <p>ATV312HU75S6 - motor choke - 1 per drive</p> <p>ATV312HU22M2 - motor choke - 1 per drive</p> <p>ATV12HU30M3 - motor choke - 1 per drive</p> <p>ATV12PU22M3 - motor choke - 1 per drive</p> <p>ATV12PU30M3 - motor choke - 1 per drive</p> <p>ATV61HU75S6X - line choke - 1 per drive</p> <p>ATV32HU55N4 - line choke - 1 per drive</p> <p>ATV32HU75N4 - line choke - 1 per drive</p> <p>ATV32HU22M2 - motor choke - 1 per drive</p> <p>ATV32HU55N4 - motor choke - 1 per drive</p> <p>LXM32.D12N4 - line choke - 1 per drive</p> <p>LXM32.U60N4 - line choke - 1 per drive</p> <p>Variable speed drive ATV310 4 kW - line choke - 1 per drive</p> <p>Variable speed drive ATV310 5.5 kW - line choke - 1 per drive</p> <p>Variable speed drive ATV310 5.5 kW - motor choke - 1 per drive</p> <p>Variable speed drive ATV340 5.5 kW 380...480 V - line choke - 1 per drive</p> <p>Variable speed drive ATV340 7.5 kW 380...480 V - line choke - 1 per drive</p> <p>Variable speed drive ATV320 5.5 kW 380...500 V - three phase - line choke - 1 per drive</p> <p>Variable speed drive ATV320 7.5 kW 380...500 V - three phase - line choke - 1 per drive</p> <p>Variable speed drive ATV320 2.2 kW 200...240 V - single phase - motor choke - 1 per drive</p> <p>Variable speed drive ATV320 5.5 kW 380...500 V - three phase - motor choke - 1 per drive</p> <p>Variable speed drive ATV320 2.2 kW 200...240 V - three phase - line choke - 1 per drive</p> <p>Variable speed drive ATV320 3 kW 200...240 V - three phase - line choke - 1 per drive</p> <p>Variable speed drive ATV320 2.2 kW 200...240 V - three phase - motor choke - 1 per drive</p> <p>Variable speed drive ATV320 3 kW 200...240 V - three phase - motor choke - 1 per drive</p> <p>Variable speed drive ATV320 5.5 kW 525...600 V - three phase - line choke - 1 per drive</p> <p>Variable speed drive ATV320 7.5 kW 525...600 V - three phase - line choke - 1 per drive</p>

Range compatibility	Altivar 61 Altivar Process ATV900 Lexium 05 Altivar 312 Solar Altivar Process ATV600 Altivar 32 Altivar 71 Lexium 62 Easy Altivar 310 Altivar 12 Altivar 31C Lexium 52 Altivar 312 Lexium 32 Altivar Machine ATV320 Altivar Machine ATV340 Easy Altivar 310L
Device application	Reduction of current harmonics Reduction of overvoltages at motor terminals
Value of inductance	2 mH
Line Rated Current	17 A
Thermal losses	75 W
Electrical connection	Terminal 6 mm ² / AWG 8, 7.08...8.85 lbf.in (0.8... 1 N.m)

Complementary

Power supply frequency	50...60 Hz
Max current	1.65 x nominal current (duration = 60 s)
Maximum voltage drop at rated load	5 %
Electrical insulation class	Class F
Minimum clearance distance	5.5 mm IEC 60664
Leakage distance	0.45 in (11.5 mm) IEC 60664
Net Weight	7.72 lb(US) (3.5 kg)
Width	5.12 in (130 mm)
Height	6.10 in (155 mm)
Depth	3.54 in (90 mm)

Environment

Standards	VDE 0160 level 1 EN 50178 IEC 60076 (with HD398)
IP degree of protection	Choke IP00 Terminals IP20
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 gn 13...200 Hz)IEC 60068-2-6 1.5 mm peak to peak 3...13 Hz)IEC 60068-2-6
Shock resistance	15 gn 11 ms IEC 60068-2-27
Relative humidity	0...95 %
Ambient air temperature for operation	113...131 °F (45...55 °C) with current derating of 2 % per °C) 32...113 °F (0...45 °C) without current derating)
Ambient air temperature for storage	-13...158 °F (-25...70 °C)
Operating altitude	<= 1000 m without current derating 3280.84...9842.52 ft (1000...3000 m) with current derating 1 % per 100 m

Ordering and shipping details

Category	22154 - ATV320/ATV312/ATV32 ACCESSORIES
Discount Schedule	CP4B
GTIN	00785901673804
Nbr. of units in pkg.	1
Package weight(Lbs)	9.02 lb(US) (4.09 kg)

Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	7.48 in (19 cm)
Package 1 width	9.45 in (24 cm)
Package 1 Length	9.84 in (25 cm)
Unit Type of Package 2	P06
Number of Units in Package 2	18
Package 2 Weight	184.81 lb(US) (83.83 kg)
Package 2 Height	28.94 in (73.5 cm)
Package 2 width	31.50 in (80 cm)
Package 2 Length	23.62 in (60 cm)

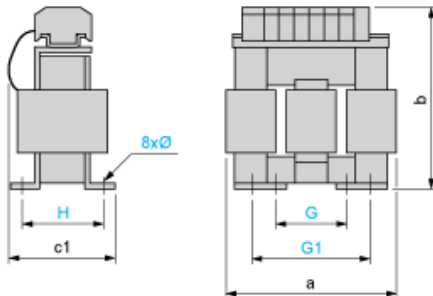
Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration

Contractual warranty

Warranty	18 months
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Dimensions



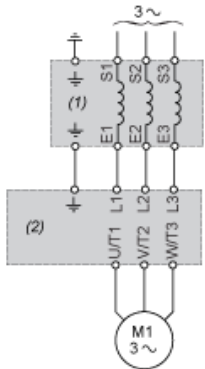
Dimensions in mm

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

Dimensions in in.

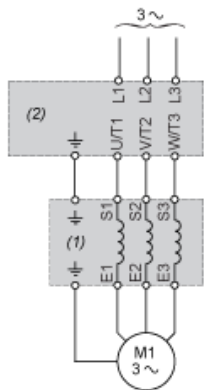
a	b	c1	G	G1	H	Ø
5.12	6.10	3.54	2.36	3.17	2.44	0.24 x 0.47

Recommended Schema - Line Choke



- (1) Line Choke
- (2) Drive

Recommended Schema - Motor Choke



- (1) Motor Choke
- (2) Drive