



Main

Range of product	Altivar
Product or component type	Line/Motor choke
Product compatibility	<p>Variable speed drive ATV340 motor: 4 kW 380...480 V - line choke - 1 per drive            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: 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            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</p>

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 <sup>2</sup> / AWG 8, 0.8...1 N.m

### Complementary

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	11.5 Mm conforming to IEC 60664
Net weight	3.5 Kg
Width	130 Mm
Height	155 Mm
Depth	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 (f= 13...200 Hz) conforming to IEC 60068-2-6 1.5 mm peak to peak (f= 3...13 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	45...55 °C (with current derating of 2 % per °C) 0...45 °C (without current derating)
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

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	3.935 Kg
Package 1 Height	19 Cm
Package 1 width	24 Cm
Package 1 Length	25 Cm
Unit Type of Package 2	P06
Number of Units in Package 2	12
Package 2 Weight	55 Kg
Package 2 Height	73.5 Cm
Package 2 width	80 Cm
Package 2 Length	60 Cm

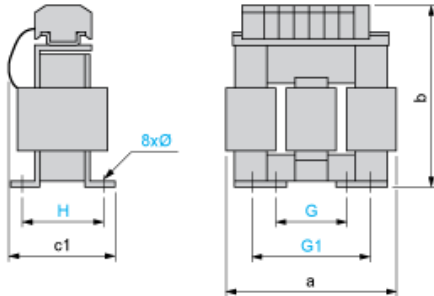
## Offer Sustainability

REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>

## Contractual warranty

Warranty	18 months
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Dimensions



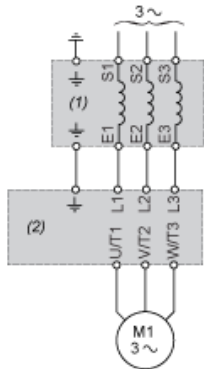
Dimensions in mm

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

Dimensions in in.

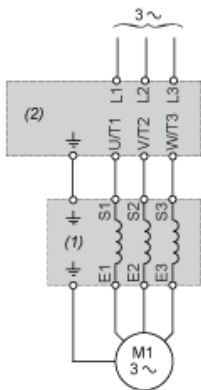
a	b	c1	G	G1	H	Ø
5.12	6.10	3.54	2.36	3.17	2.44	0.24 x 0.47

Recommended Schema - Line Choke



- (1) Line Choke
- (2) Drive

Recommended Schema - Motor Choke



- (1) Motor Choke
- (2) Drive

Product Life Status : **Commercialised**