



Main

Range of product	Altivar
Product or component type	Line/Motor choke
Product compatibility	Variable speed drive ATV320...C motor : 4 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...C motor : 3 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...C motor : 2.2 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...C motor : 1.5 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...C motor : 1.1 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...C motor : 0.75 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...C motor : 0.55 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...C motor : 0.37 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...C motor : 1.5 kW - 200...240 V - single phase - motor choke - 1 per drive Variable speed drive ATV320...C motor : 1.1 kW - 200...240 V - single phase - motor choke - 1 per drive Variable speed drive ATV320...C motor : 0.75 kW - 200...240 V - single phase - motor choke - 1 per drive Variable speed drive ATV320...C motor : 0.55 kW - 200...240 V - single phase - motor choke - 1 per drive Variable speed drive ATV320...C motor : 0.37 kW - 200...240 V - single phase - motor choke - 1 per drive Variable speed drive ATV320...C motor : 0.18 kW - 200...240 V - single phase - motor choke - 1 per drive Variable speed drive ATV320...B motor : 4 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...B motor : 3 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...B motor : 2.2 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...B motor : 1.5 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...B motor : 1.1 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...B motor : 0.75 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...B motor : 0.55 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...B motor : 0.37 kW - 380...500 V - three phase - motor choke - 1 per drive Variable speed drive ATV320...B motor : 1.5 kW - 200...240 V - single phase - motor choke - 1 per drive Variable speed drive ATV320...B motor : 1.1 kW - 200...240 V - single phase - motor choke - 1 per drive Variable speed drive ATV320...B motor : 0.75 kW - 200...240 V - single phase - motor choke - 1 per drive Variable speed drive ATV320...B motor : 0.55 kW - 200...240 V - single phase - motor choke - 1 per drive Variable speed drive ATV320...B motor : 0.37 kW - 200...240 V - single phase - motor choke - 1 per drive Variable speed drive ATV320...B motor : 0.18 kW - 200...240 V - single phase - motor choke - 1 per drive Variable speed drive ATV320...C motor : 4 kW - 380...500 V - three phase - line choke - 1 per drive Variable speed drive ATV320...C motor : 3 kW - 380...500 V - three phase - line choke - 1 per drive Variable speed drive ATV320...C motor : 2.2 kW - 380...500 V - three phase - line choke - 1 per drive Variable speed drive ATV320...B motor : 4 kW - 380...500 V - three phase - line choke - 1 per drive

Range compatibility	Altivar 12 Altivar 312 Altivar 61 Altivar 71 Lexium 05 Altivar 32 Altivar 31C Altivar 312 Solar Altivar Easy 310 Lexium 62 Altivar Machine ATV320
Product specific application	Reduction of overvoltages at motor terminals Reduction of current harmonics
Value of inductance	4 mH
[In] rated current	10 A
Thermal losses	65 W
Electrical connection	Terminal 2.5 mm ² / AWG 12, 0.4...0.6 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 kg
Width	130 mm
Height	155 mm
Depth	90 mm

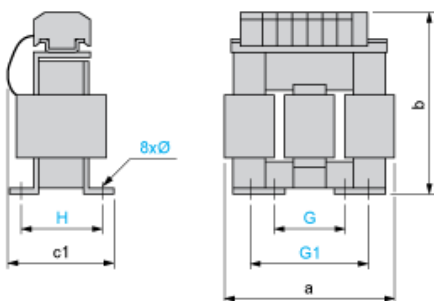
Environment

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
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Dimensions



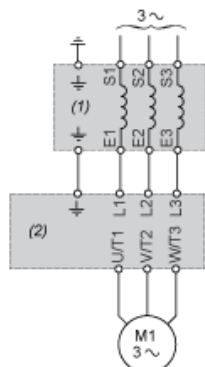
Dimensions in mm

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

Dimensions in in.

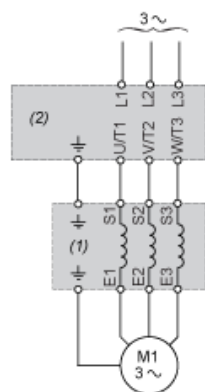
a	b	c1	G	G1	H	Ø
5.12	6.10	3.54	2.36	3.17	2.44	0.24 x 0.47

Recommended Schema - Line Choke



- (1) Line Choke
- (2) Drive

Recommended Schema - Motor Choke



- (1) Motor Choke
- (2) Drive