

VW3A4556

line choke - 0.3 mH - 107 A - 3 phases - 260 W
- for variable speed drive



Main

Range of product	Altivar
Product or component type	Line/motor choke
Product compatibility	ATV71HD75Y - line choke - 1 per drive Variable speed drive ATV340 motor: 22 kW 380...480 V - line choke - 1 per drive ATV61HD15M3X - line choke - 1 per drive ATV61HD30N4 - line choke - 1 per drive ATV61HD37N4 - line choke - 1 per drive ATV61HD45N4 - line choke - 1 per drive ATV61HD55N4 - line choke - 1 per drive ATV61HD55Y - line choke - 1 per drive ATV61HD75Y - line choke - 1 per drive ATV61HD90Y - line choke - 1 per drive ATV61WD30N4 - line choke - 1 per drive ATV61WD30N4C - line choke - 1 per drive ATV61WD37N4 - line choke - 1 per drive ATV61WD37N4C - line choke - 1 per drive ATV61WD45N4 - line choke - 1 per drive ATV61WD45N4C - line choke - 1 per drive ATV61WD55N4 - line choke - 1 per drive ATV61WD55N4C - line choke - 1 per drive ATV71HD15M3X - line choke - 1 per drive ATV71HD30N4 - line choke - 1 per drive ATV71HD37N4 - line choke - 1 per drive ATV71HD45N4 - line choke - 1 per drive ATV71HD55N4 - line choke - 1 per drive ATV71HD55Y - line choke - 1 per drive ATV71HD90Y - line choke - 1 per drive ATV71WD30N4 - line choke - 1 per drive ATV71WD37N4 - line choke - 1 per drive ATV71WD45N4 - line choke - 1 per drive ATV71WD55N4 - line choke - 1 per drive Variable speed drive ATV320 motor: 11 kW 200...240 V - three phase - motor choke - 1 per drive Variable speed drive ATV320 motor: 15 kW 200...240 V - three phase - motor choke - 1 per drive Variable speed drive ATV630 motor: 55 kW 500...690 V - three phase - line choke - 1 per drive Variable speed drive ATV630 motor: 75 kW 500...690 V - three phase - line choke - 1 per drive Variable speed drive ATV630 motor: 90 kW 500...690 V - three phase - line choke - 1 per drive Variable speed drive ATV930 motor: 55 kW 500...690 V - three phase - line choke - 1 per drive Variable speed drive ATV930 motor: 75 kW 500...690 V - three phase - line choke - 1 per drive Variable speed drive ATV930 motor: 90 kW 500...690 V - three phase - line choke - 1 per drive Variable speed drive ATV630 motor: 600 V - three phase - line choke - 75 hp - 1 per drive Variable speed drive ATV630 motor: 600 V - three phase - line choke - 100 hp - 1 per drive Variable speed drive ATV930 motor: 600 V - three phase - line choke - 100 hp - 1 per drive Variable speed drive ATV930 motor: 600 V - three phase - line choke - 75 hp - 1 per drive
Number of phases	Three phase
Range compatibility	Altivar Machine ATV340 Altivar Machine ATV320 Altivar 71 Altivar 61 Altivar Process ATV600 Altivar Process ATV900 Easy Altivar 310

The information provided in this documentation contains general descriptions and/or technical characteristics 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.

Device application	Reduction of current harmonics Reduction of overvoltages at motor terminals
Value of inductance	0.3 mH
[In] rated current	107 A
Thermal losses	260 W
Electrical connection	Bare wires diameter: 6.5 mm

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	11.5 mm conforming to IEC 60664
Net weight	16 kg
Width	270 mm
Height	210 mm
Depth	180 mm

Environment

Standards	EN 50178 IEC 60076 (with HD398) VDE 0160 level 1
IP degree of protection	Choke: IP00 Terminals: IP00
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

Package 1 Weight	16.590 kg
Package 1 Height	35.000 cm
Package 1 width	58.000 cm
Package 1 Length	71.000 cm

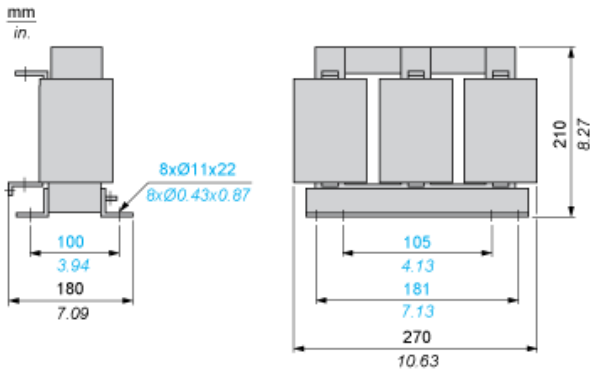
Offer Sustainability

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

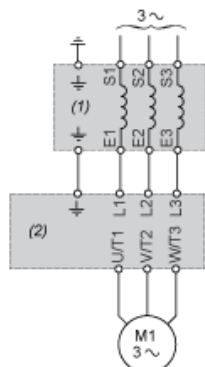
Contractual warranty

Warranty	18 months
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Dimensions

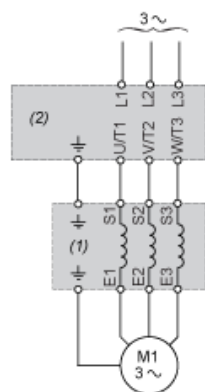


Recommended Schema - Line Choke



- (1) Line Choke
- (2) Drive

Recommended Schema - Motor Choke



- (1) Motor Choke
- (2) Drive