

Product datasheet

Specifications



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

VW3A4556

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

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Disclaimer: 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

Range compatibility	Altivar Machine ATV340 Altivar Machine ATV320 Altivar 71 Altivar 61 Altivar Process ATV600 Altivar Process ATV900 Easy Altivar 310
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

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Package 1 Height	40.000 cm
Package 1 Width	60.000 cm
Package 1 Length	46.000 cm
Package 1 Weight	23.000 kg
Unit Type of Package 2	P06
Number of Units in Package 2	2
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	54.500 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	4934d727-4a01-454e-b001-ddcc449d383b
EU RoHS Directive	Compliant
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer

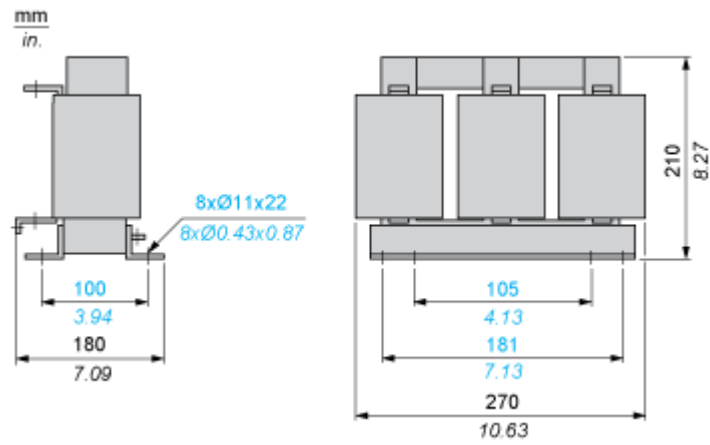
Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	Nej

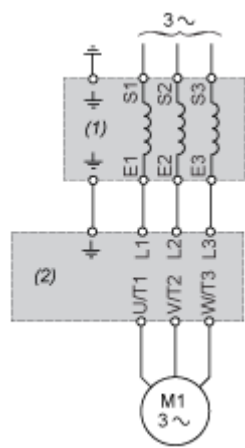
Dimensions Drawings

Dimensions



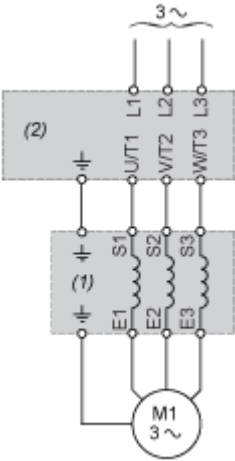
Connections and Schema

Recommended Schema - Line Choke



- (1) Line Choke
- (2) Drive

Recommended Schema - Motor Choke



- (1) Motor Choke
- (2) Drive