

## 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	<p>ATV71HD75Y - line choke - 1 per drive</p> <p>ATV61HD15M3X - line choke - 1 per drive</p> <p>ATV61HD30N4 - line choke - 1 per drive</p> <p>ATV61HD37N4 - line choke - 1 per drive</p> <p>ATV61HD45N4 - line choke - 1 per drive</p> <p>ATV61HD55N4 - line choke - 1 per drive</p> <p>ATV61HD55Y - line choke - 1 per drive</p> <p>ATV61HD75Y - line choke - 1 per drive</p> <p>ATV61HD90Y - line choke - 1 per drive</p> <p>ATV61WD30N4 - line choke - 1 per drive</p> <p>ATV61WD30N4C - line choke - 1 per drive</p> <p>ATV61WD37N4 - line choke - 1 per drive</p> <p>ATV61WD37N4C - line choke - 1 per drive</p> <p>ATV61WD45N4 - line choke - 1 per drive</p> <p>ATV61WD45N4C - line choke - 1 per drive</p> <p>ATV61WD55N4 - line choke - 1 per drive</p> <p>ATV61WD55N4C - line choke - 1 per drive</p> <p>ATV71HD15M3X - line choke - 1 per drive</p> <p>ATV71HD30N4 - line choke - 1 per drive</p> <p>ATV71HD37N4 - line choke - 1 per drive</p> <p>ATV71HD45N4 - line choke - 1 per drive</p> <p>ATV71HD55N4 - line choke - 1 per drive</p> <p>ATV71HD55Y - line choke - 1 per drive</p> <p>ATV71HD90Y - line choke - 1 per drive</p> <p>ATV71WD30N4 - line choke - 1 per drive</p> <p>ATV71WD37N4 - line choke - 1 per drive</p> <p>ATV71WD45N4 - line choke - 1 per drive</p> <p>ATV71WD55N4 - line choke - 1 per drive</p> <p>Variable speed drive ATV340 motor : 22 kW 380...480 V - line choke - 1 per drive</p> <p>Variable speed drive ATV320 motor : 11 kW 200...240 V - three phase - motor choke - 1 per drive</p> <p>Variable speed drive ATV320 motor : 15 kW 200...240 V - three phase - motor choke - 1 per drive</p> <p>Variable speed drive ATV630 motor : 55 kW 500...690 V - three phase - line choke - 1 per drive</p> <p>Variable speed drive ATV630 motor : 75 kW 500...690 V - three phase - line choke - 1 per drive</p> <p>Variable speed drive ATV630 motor : 90 kW 500...690 V - three phase - line choke - 1 per drive</p> <p>Variable speed drive ATV930 motor : 55 kW 500...690 V - three phase - line choke - 1 per drive</p> <p>Variable speed drive ATV930 motor : 75 kW 500...690 V - three phase - line choke - 1 per drive</p> <p>Variable speed drive ATV930 motor : 90 kW 500...690 V - three phase - line choke - 1 per drive</p> <p>Variable speed drive ATV630 motor : 600 V - three phase - line choke - 75 hp - 1 per drive</p> <p>Variable speed drive ATV630 motor : 600 V - three phase - line choke - 100 hp - 1 per drive</p> <p>Variable speed drive ATV930 motor : 600 V - three phase - line choke - 100 hp - 1 per drive</p> <p>Variable speed drive ATV930 motor : 600 V - three phase - line choke - 75 hp - 1 per drive</p>
Network number of phases	Three phase
Range compatibility	<p>Altivar 61</p> <p>Altivar 71</p> <p>Altivar Process ATV600</p> <p>Altivar Process ATV900</p> <p>Altivar Machine ATV320</p> <p>Altivar Machine ATV340</p>
Device application	Reduction of current harmonics

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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, Ø = 6.5 mm

## Complementary

Supply frequency	50...60 Hz
Max current	1.65 x nominal current for 60 s
Voltage drop at rated load	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	16 kg
Width	270 mm
Height	210 mm
Depth	180 mm

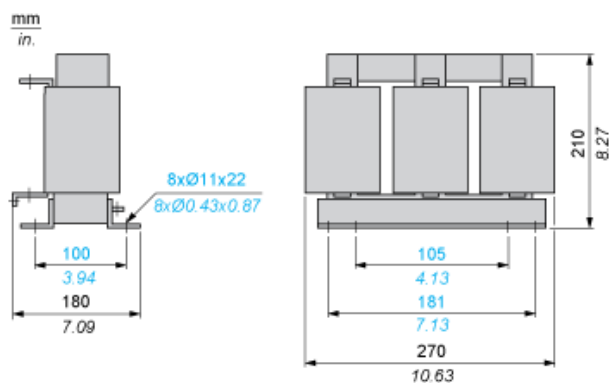
## Environment

standards	EN 50178 IEC 60076 (with HD398) VDE 0160 level 1
IP degree of protection	IP00 (choke) IP00 (terminals)
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	1.5 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	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

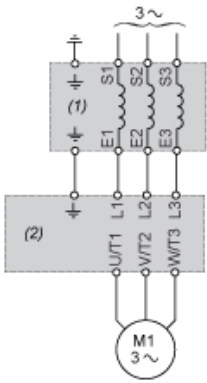
## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0801 - Schneider Electric declaration of conformity

## Dimensions

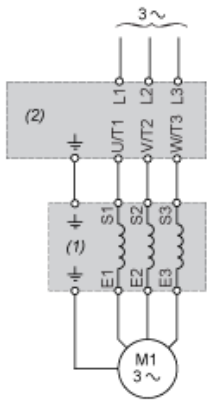


Recommended Schema - Line Choke



- (1) Line Choke
- (2) Drive

Recommended Schema - Motor Choke



- (1) Motor Choke
- (2) Drive