

# Product datasheet

Specifications



line choke - 0.049 mH - 429 A - 3  
phases - 278 W - for variable speed  
drive

VW3A4562

⚠ Discontinued on: 2 Jan 2024

⚠ Discontinued

## Main

Range of product	Altivar
Product or component type	Line choke
Product compatibility	ATV71HD55M3X - line choke - 1 per drive
number of phases	Three phase
Range compatibility	Altivar 71
Device application	Reduction of current harmonics
Value of inductance	0.049 mH
[In] rated current	429 A
Saturation current	855 A
Thermal losses	278 W
Electrical connection	Bare wires diameter: 13 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
Product weight	50 kg

## Environment

Standards	IEC 60076 (with HD398) VDE 0160 level 1 EN 50178
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

<b>Relative humidity</b>	0...95 %
<b>Ambient air temperature for operation</b>	45...55 °C (with current derating of 2 % per °C) 0...45 °C (without current derating)
<b>Ambient air temperature for storage</b>	-25...70 °C
<b>Operating altitude</b>	<= 1000 m without current derating 1000...3000 m with current derating 1 % per 100 m

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	42.000 cm
<b>Package 1 Width</b>	38.000 cm
<b>Package 1 Length</b>	58.000 cm
<b>Package 1 Weight</b>	55.000 kg
<b>Unit Type of Package 2</b>	P06
<b>Number of Units in Package 2</b>	2
<b>Package 2 Height</b>	64.000 cm
<b>Package 2 Width</b>	60.000 cm
<b>Package 2 Length</b>	80.000 cm
<b>Package 2 Weight</b>	118.500 kg

## Contractual warranty

<b>Warranty (in months)</b>	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

EU RoHS Directive

[Compliant](#)

### Use Longer



#### Lifetime extension

Repair

No