

Product data sheet

Characteristics

VW3A5201

sinus filter - 11 A - for Altivar variable speed drive

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

Product or component type	Sinus filter
Range compatibility	Altivar 71 Altivar 61
Product specific application	Output filter
Line Rated Current	11 A
Thermal losses	50 Wat 100 Hz
Product compatibility	ATV71WU15N4 ATV71WU22N4 ATV71WU30N4 ATV71WU40N4 ATV61WU15N4 ATV61WU15N4C ATV61WU22N4 ATV61WU22N4C ATV61WU30N4 ATV61WU30N4C ATV61WU40N4 ATV61WU40N4C ATV61H075M3 ATV61HU15M3 ATV61HU15N4 ATV61HU22N4 ATV61HU30N4 ATV61HU40N4 ATV71H075M3 ATV71HU15M3 ATV71HU15N4 ATV71HU22N4 ATV71HU30N4 ATV71HU40N4 ATV71PU15N4Z ATV71PU22N4Z ATV71PU30N4Z ATV71PU40N4Z
Switching frequency	4...8 kHz
Output frequency	<= 100 Hz
Maximum permissible voltage	500 V AC

Complementary

Motor cable length	<= 300 m P motor 0.75 kW at 400 V <= 300 m P motor 1.5 kW at 400 V <= 300 m P motor 2.2 kW at 400 V <= 600 m P motor 2.2 kW at 400 V <= 600 m P motor 3 kW at 400 V <= 600 m P motor 4 kW at 400 V
Electrical connection	Terminal, connection capacity: 4 mm ² (AWG 10) 5.31 lbf.in (0.6 N.m)
Voltage drop at rated load	< 10 %
Max current	1.5 x nominal current 60 s
Product weight	17.64 lb(US) (8 kg)

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Environment

IP degree of protection	IP20
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 1.5 mm peak to peak (f = 3...13 Hz) conforming to IEC 60068-2
Shock resistance	15 gn 11 ms conforming to IEC 60068-2-27
Relative humidity	0...95 %
Ambient air temperature for operation	> 104...122 °F (> 40...50 °C) with current derating 1.5 % per °C 14...104 °F (-10...40 °C) without current derating
Ambient air temperature for storage	-40...149 °F (-40...65 °C)
Operating altitude	<= 3280.84 ft (1000 m) without current derating 3280.84...9842.52 ft (1000...3000 m) with current derating 1 % per 100 m

Ordering and shipping details

Category	18065 - SPARE PARTS DISCOUNT CP4C
Discount Schedule	CP4C
GTIN	003389118070318
Nbr. of units in pkg.	1
Package weight(Lbs)	21.940000000000001
Returnability	N
Country of origin	HU

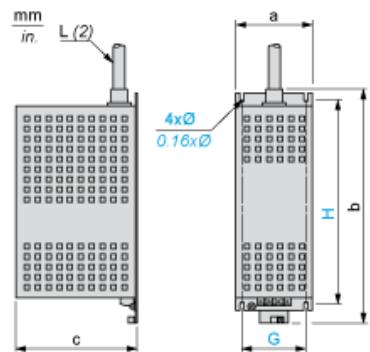
Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
- - - - - Substance 2	Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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Dimensions



(2) Length of the cable integrated in the sinus filter

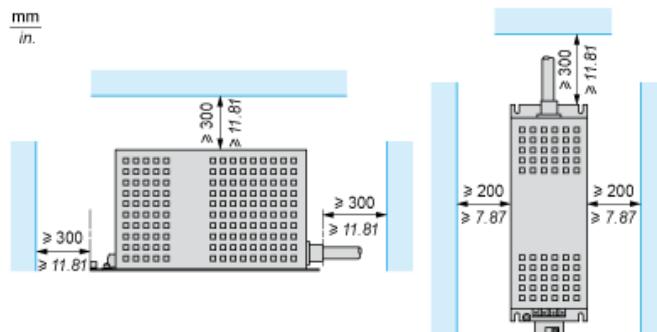
Dimensions in mm

a	b	c	G	H	Ø	L (2)
120	335	160	100	280	6.6	700

Dimensions in in.

a	b	c	G	H	Ø	L (2)
4.72	13.19	6.30	3.94	11.02	0.26	27.56

Mounting Recommendations



Sinus filters emit considerable heat and must not be placed underneath the drive