

Product data sheet

Characteristics

VW3A31409

Additional EMC input filter, Altivar 31, 3-phase supply, 49 A



Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Altivar 212 Altivar 312 Altivar 31C
Product compatibility	ATV212HD15N4 ATV212HD18N4 ATV31CD11N4 ATV31CD15N4 ATV312HD11N4 ATV312HD15N4
Product specific application	Radio interference input filter
[In] rated current	49 A
Thermal losses	13.8 W for ATV21HD18N4 27.4 W for ATV31CD11N4 9.2 W for ATV21HD15N4
Network number of phases	Three phase

Complementary

Electrical connection	Terminal 25 mm ² AWG 2
Tightening torque	4.5 N.m
Maximum earth leakage current	42.8 MA at 480 V 60 Hz 42.8 mA 50 Hz
Power supply voltage	380...500 V
Tolerance	10 %
Net weight	4.75 kg

Environment

IP degree of protection	IP20 IP41 (upper part)
Relative humidity	0...93 % conforming to IEC 68-2-3
Ambient air temperature for operation	-10...50 °C
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
Vibration resistance	1 gn (f= 13...150 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
Standards	IEC 61800-3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.800 cm
Package 1 Width	48.000 cm
Package 1 Length	38.000 cm

Package 1 Weight	4.244 kg
Unit Type of Package 2	P06
Number of Units in Package 2	12
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	63.928 kg

Offer Sustainability

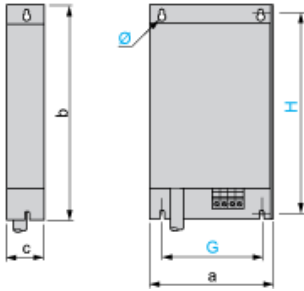
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes

Contractual warranty

Warranty	18 months
----------	-----------

Additional EMC Input Filters

Dimensions



Dimensions in mm

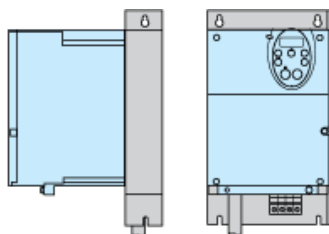
a	b	c	G	H	Ø
245	395	60	205	375	5.5

Dimensions in in.

a	b	c	G	H	Ø
9.65	15.55	2.36	8.07	14.76	0.22

Additional EMC Input Filter

Mounting the Filter under the Drive



Mounting the Filter next to the Drive

