



Main

Product or component type	EMC input filter
Range compatibility	Altivar 21 Altivar 31 Altivar 212
Product compatibility	ATV21HD15N4 ATV21HD18N4 ATV31CD11N4 ATV31CD15N4 ATV31HD11N4 ATV31HD15N4 ATV31KD11N4 ATV31KD15N4 ATV212HD15N4 ATV212HD18N4
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

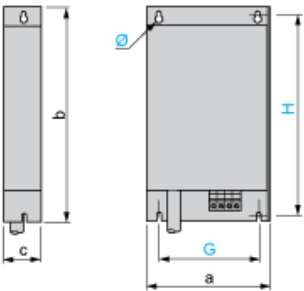
Electrical connection	Terminal, connection capacity: 25 mm ² (AWG 2)
Tightening torque	4.5 N.m
Maximum earth leakage current	<= 42.8 mA at 480 V 60 Hz 42.8 mA 50 Hz
Power supply voltage	380...500 V
Tolerance	10 %
Product weight	4.75 kg

Environment

IP degree of protection	IP20 IP41 (upper part)
Relative humidity	<= 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 EN/IEC 60068-2-27
Standards	EN 133200 EN/IEC 61800-3
RoHS EUR status	Compliant
RoHS EUR conformity date	0551

Additional EMC Input Filters

Dimensions



Dimensions in mm

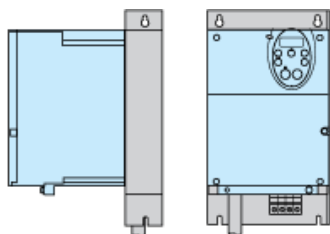
a	b	c	G	H	Ø
245	395	60	205	375	5.5

Dimensions in in.

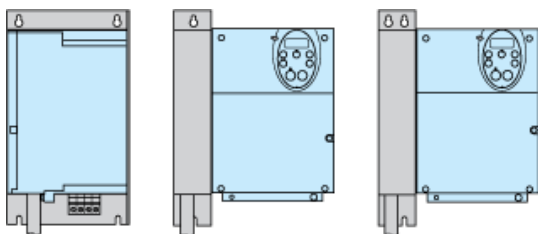
a	b	c	G	H	Ø
9.65	15.55	2.36	8.07	14.76	0.22

Additional EMC Input Filter

Mounting the Filter under the Drive



Mounting the Filter next to the Drive



Additional EMC Input Filter

3-Phase Power Supply

