



Main

Product or component type	EMC input filter
Range compatibility	Altivar 21 Altivar 31 Altivar 212
Product compatibility	ATV21HD11M3X ATV21HD15M3X ATV21HD18M3X ATV31HD11M3X ATV31HD15M3X ATV212HD11M3X ATV212HD15M3X ATV212HD18M3X
Product specific application	Radio interference input filter
[In] rated current	83 A
Thermal losses	16 W for ATV21HD15M3X 23.1 W for ATV21HD18M3X 35.2 W for ATV31HD11M3X 9.1 W for ATV21HD11M3X
Network number of phases	Three phase

Complementary

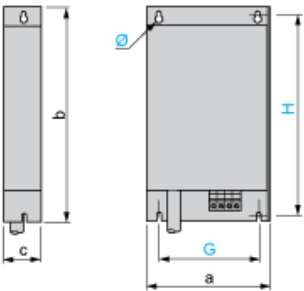
Electrical connection	Terminal, connection capacity: 25 mm ² (AWG 2)
Tightening torque	4.5 N.m
Maximum earth leakage current	<= 14.5 mA at 480 V 60 Hz
Power supply voltage	200...240 V
Tolerance	10 %
Product weight	5.3 kg

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 m without 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

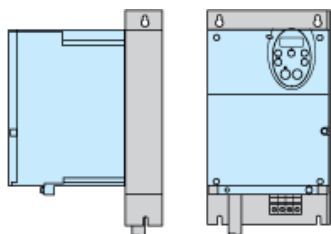
a	b	c	G	H	Ø
245	395	80	205	375	5.5

Dimensions in in.

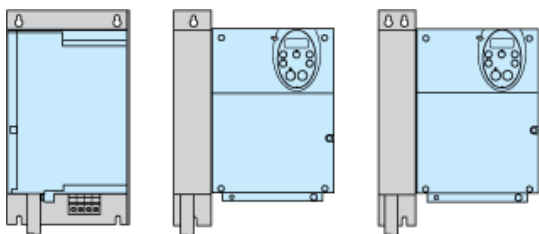
a	b	c	G	H	Ø
9.65	15.55	3.15	8.07	14.76	0.22

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

