



Main

Product or component type	EMC input filter
Range compatibility	Altivar 21 Altivar 31 Lexium 05 Altivar 212 Lexium 23 Plus
Product compatibility	LXM05CD57N4 LXM05BD57N4 LXM05AD57N4 ATV31KU75N4 ATV31KU55N4 ATV31HU75N4 ATV31HU75M3X ATV31HU55N4 ATV31HU55M3X ATV31CU75N4 ATV31CU55N4 ATV21HU75N4 ATV21HU75M3X ATV21HU55M3X ATV21HD11N4 ATV212HU75N4 ATV212HU75M3X ATV212HU55M3X ATV212HD11N4 Servo drive LXM23 7.5 kW
Product specific application	Radio interference input filter
[In] rated current	47 A
Thermal losses	6.8 W for ATV21HU75M3X 3.9 W for ATV21HD11N4 3.7 W for ATV21HU55M3X 19.3 W for ATV31CU55N4 1.9 W for ATV21HU75N4
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 20.6 mA at 480 V 60 Hz 45 mA 50 Hz
Power supply voltage	200...240 V 380...500 V
Tolerance	10 %
Product weight	3.15 kg

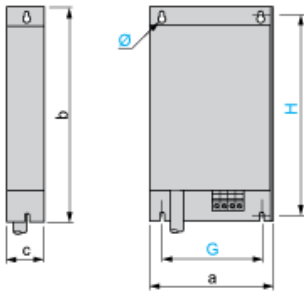
Environment

IP degree of protection	IP41 (upper part) IP20
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...3000 m with current derating 1 % per 100 m <= 1000 m without derating <= 1000 m without current derating

Vibration resistance	1.5 mm peak to peak (f = 3...13 Hz) conforming to IEC 60068-2-6 1 gn (f = 13...150 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

Additional EMC Input Filters

Dimensions



Dimensions in mm

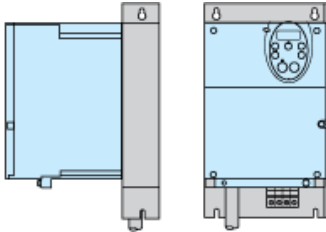
a	b	c	G	H	Ø
180	305	60	140	285	5.5

Dimensions in in.

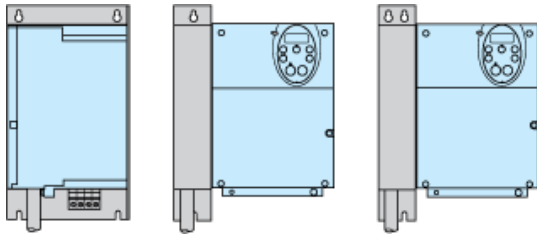
a	b	c	G	H	Ø
7.09	12.01	2.36	5.51	11.22	0.22

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

