



Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Altivar 61 Altivar 71 Altivar 212
Product compatibility	ATV212HD30M3X ATV212HD55N4 ATV212HD75N4 ATV61HD30M3X ATV61HD37M3X ATV61HD45M3X ATV61HD45N4 ATV61HD55N4 ATV61HD75N4 ATV71HD30M3X ATV71HD37M3X ATV71HD45M3X ATV71HD45N4 ATV71HD55N4 ATV71HD75N4 ATV71WD45N4 ATV71WD55N4 ATV71WD75N4
Product specific application	Radio interference input filter
[In] rated current	180 A
Thermal losses	18 W for ATV21HD55N4 34 W for ATV21HD75N4 23.1 W for ATV21HD30M3X 58 W for ATV61/ATV71 variable speed drives
Network number of phases	Three phase

Complementary

Electrical connection	Terminal 150 mm ² 300 kcmil
Tightening torque	25 N.m
Maximum earth leakage current	140 mA at 400 V 50 Hz 193 mA at 480 V 60 Hz 80 mA at 400 V 50 Hz 86.3 mA at 480 V 60 Hz
Power supply voltage	380...500 V

	200...240 V
Tolerance	10 %
Net weight	40 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	-40...65 °C
Operating altitude	<= 1000 m without current derating <= 1000 m without 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

Offer Sustainability

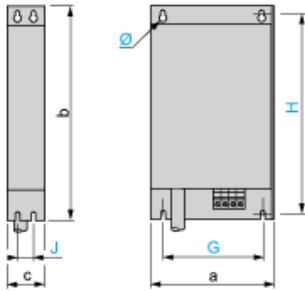
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration

Contractual warranty

Warranty	18 months
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Additional EMC Input Filters

Dimensions



Dimensions in mm

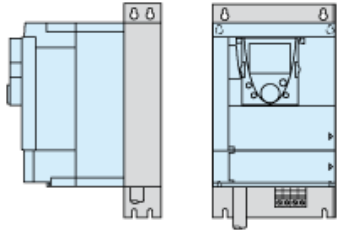
a	b	c	G	H	J	Ø
320	750	119	280	725	80	9

Dimensions in in.

a	b	c	G	H	J	Ø
12.60	29.53	4.69	11.02	28.54	3.15	0.35

Mounting Recommendations

Mounting the Filter Under the Drive



Mounting the Filter Next to the Drive

