



Main

Product or component type	Sinus filter
Range compatibility	Altivar 61 Altivar 71
Product specific application	Output filter
[In] rated current	11 A
Thermal losses	50 W at 100 Hz
Product compatibility	ATV61H075M3 ATV61HU15M3 ATV61HU15N4 ATV61HU22N4 ATV61HU30N4 ATV61HU40N4 ATV61WU15N4 ATV61WU15N4C ATV61WU22N4 ATV61WU22N4C ATV61WU30N4 ATV61WU30N4C ATV61WU40N4 ATV61WU40N4C ATV71H075M3 ATV71HU15M3 ATV71HU15N4 ATV71HU22N4 ATV71HU30N4 ATV71HU40N4 ATV71PU15N4Z ATV71PU22N4Z ATV71PU30N4Z ATV71PU40N4Z ATV71WU15N4 ATV71WU22N4 ATV71WU30N4 ATV71WU40N4
Switching frequency	4...8 kHz
Output frequency	0...100 Hz
Maximum permissible voltage	500 V AC

Complementary

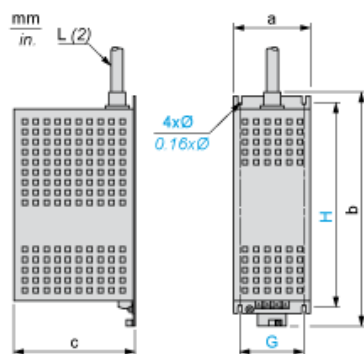
Motor cable length	<= 600 m P motor 2.2...4 kW at 400 V <= 300 m P motor <= 2.2 kW at 400 V
Electrical connection	Terminal, connection capacity: 4 mm ² (AWG 10) 0.6 N.m
Voltage drop at rated load	< 10 %
Max current	1.5 x nominal current for 60 s
Product weight	8 kg

Environment

IP degree of protection	IP20
Environmental characteristic	3S1 conforming to IEC 721-3-3 3C2 conforming to IEC 721-3-3 3B1 conforming to IEC 721-3-3
Pollution degree	2 conforming to EN 50178
Vibration resistance	1.5 mm peak to peak (f = 3...13 Hz) conforming to IEC 60068-2 1 gn (f = 13...200 Hz) conforming to IEC 60068-2
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27

Relative humidity	<= 95 %
Ambient air temperature for operation	-10...40 °C without current derating > 40...50 °C with current derating 1.5 % per °C
Ambient air temperature for storage	-40...65 °C
Operating altitude	1000...3000 m with current derating 1 % per 100 m <= 1000 m without current derating

Dimensions



(2) Length of the cable integrated in the sinus filter

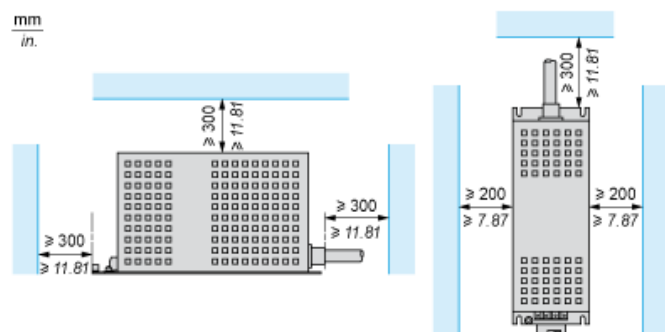
Dimensions in mm

a	b	c	G	H	Ø	L (2)
120	335	160	100	280	6.6	700

Dimensions in in.

a	b	c	G	H	Ø	L (2)
4.72	13.19	6.30	3.94	11.02	0.26	27.56

Mounting Recommendations



Sinus filters emit considerable heat and must not be placed underneath the drive