



Main

Product or component type	Sinus filter
Range compatibility	Altivar 61 Altivar 71 Altivar 61Q Altivar 71Q
Product specific application	Output filter
[In] rated current	1200 A
Thermal losses	5150 W at 100 Hz
Product compatibility	ATV61HC40N4 ATV61HC50N4 ATV61HC63N4 ATV71HC40N4 ATV71HC50N4 ATV71QC40N4 ATV61QC40N4 ATV61QC50N4 ATV71QC50N4 ATV61QC63N4
Switching frequency	4...8 kHz
Output frequency	0...100 Hz
Maximum permissible voltage	500 V AC

Complementary

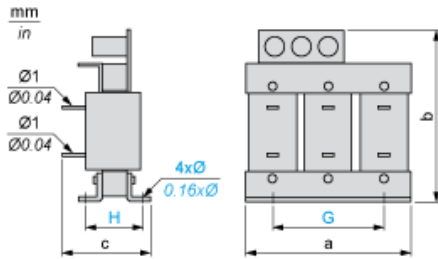
Electrical connection	4 bare wires, $\varnothing = 11$ mm
Voltage drop at rated load	< 10 %
Max current	1.5 x nominal current for 60 s
Product weight	600 kg

Environment

IP degree of protection	IP00
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

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Dimensions



Dimensions in mm

a	b	c	G	H	Ø	Ø1
620	930	500	525	352	13 x 22	4 x Ø11

Dimensions in in.

a	b	c	G	H	Ø	Ø1
24.41	36.61	19.68	20.67	13.86	0.51 x 0.87	0.16 x Ø0.43

Mounting Recommendations

