



Main

Product or component type	Sinus filter
Range compatibility	Altivar 61 Altivar 71
Product specific application	Output filter
[In] rated current	900 A
Thermal losses	4810 W at 100 Hz
Product compatibility	ATV61HC50Y ATV61HC63Y ATV61HC80Y ATV71HC40Y ATV71HC50Y ATV71HC63Y
Switching frequency	4...8 kHz
Output frequency	0...100 Hz
Maximum permissible voltage	690 V AC

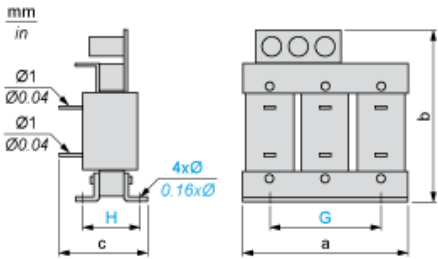
Complementary

Electrical connection	2 bare wires, Ø = 11 mm
Voltage drop at rated load	< 10 %
Max current	1.5 x nominal current for 60 s
Product weight	400 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

Dimensions



Dimensions in mm

a	b	c	G	H	Ø	Ø1
600	1150	450	525	351	13 x 22	2 x 11

Dimensions in in.

a	b	c	G	H	Ø	Ø1
23.62	45.27	17.72	20.67	13.82	0.51 x 0.87	0.08 x 0.43

Mounting Recommendations

