



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	300 A
Thermal losses	1360 W at 100 Hz
Product compatibility	ATV61HC13N4 ATV61HC16N4 ATV61HD55M3X ATV61HD75M3X ATV71HC13N4 ATV71HC16N4 ATV71HD55M3X ATV71HD75M3X ATV61QC13N4 ATV61QC16N4 ATV71QC13N4 ATV71QC16N4
Switching frequency	4...8 kHz
Output frequency	0...100 Hz
Maximum permissible voltage	500 V AC

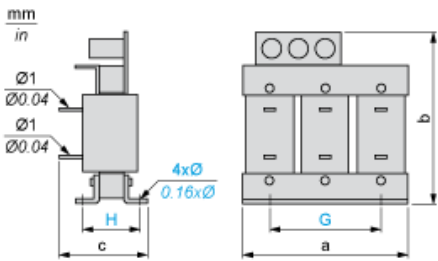
Complementary

Electrical connection	Bare wires, Ø = 11 mm
Voltage drop at rated load	< 10 %
Max current	1.5 x nominal current for 60 s
Product weight	165 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	$\varnothing$	$\varnothing 1$
420	500	345	370	231	11 x 15	11

Dimensions in in.

a	b	c	G	H	$\varnothing$	$\varnothing 1$
16.53	19.68	13.58	14.57	9.09	0.43 x 0.59	0.43

Mounting Recommendations

