



### Main

|                              |                                                                                                |
|------------------------------|------------------------------------------------------------------------------------------------|
| Product or component type    | Sinus filter                                                                                   |
| Range compatibility          | Altivar 61<br>Altivar 71                                                                       |
| Product specific application | Output filter                                                                                  |
| [In] rated current           | 240 A                                                                                          |
| Thermal losses               | 1500 W at 100 Hz                                                                               |
| Product compatibility        | ATV61HC11Y<br>ATV61HC13Y<br>ATV61HC16Y<br>ATV61HC20Y<br>ATV71HC11Y<br>ATV71HC13Y<br>ATV71HC16Y |
| Switching frequency          | 4...8 kHz                                                                                      |
| Output frequency             | 0...100 Hz                                                                                     |
| Maximum permissible voltage  | 690 V AC                                                                                       |

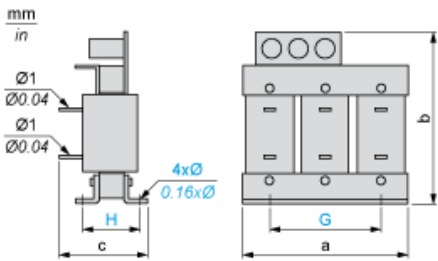
### Complementary

|                            |                                |
|----------------------------|--------------------------------|
| 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             | 210 kg                         |

### Environment

|                                       |                                                                                                                   |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| IP degree of protection               | IP00                                                                                                              |
| Environmental characteristic          | 3S1 conforming to IEC 721-3-3<br>3C2 conforming to IEC 721-3-3<br>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<br>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<br>> 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<br><= 1000 m without current derating                           |

Dimensions



Dimensions in mm

| a   | b   | c   | G   | H   | $\varnothing$ | $\varnothing 1$ |
|-----|-----|-----|-----|-----|---------------|-----------------|
| 420 | 700 | 380 | 370 | 244 | 11 x 15       | 11              |

Dimensions in in.

| a     | b     | c     | G     | H    | $\varnothing$ | $\varnothing 1$ |
|-------|-------|-------|-------|------|---------------|-----------------|
| 16.53 | 27.56 | 14.96 | 14.57 | 9.61 | 0.43 x 0.59   | 0.55            |

## Mounting Recommendations

