



## Main

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product          | Altivar                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product or component type | ATV61 braking resistor<br>ATV71 braking resistor                                                                                                                                                                                                                                                                                                                                                                                                          |
| Range compatibility       | Altivar 12<br>Altivar 31C<br>Altivar 312<br>Altivar 61<br>Altivar 71<br>Altivar 32<br>Altivar Easy 310<br>Altivar 312 Solar                                                                                                                                                                                                                                                                                                                               |
| Product compatibility     | ATV312H018M2<br>ATV312H037M2<br>ATV312H055M2<br>ATV312H075M2<br>ATV31C018M2<br>ATV31C037M2<br>ATV31C055M2<br>ATV31C075M2<br>ATV312H018M3<br>ATV312H037M3<br>ATV312H055M3<br>ATV312H075M3<br>ATV312HU11M2<br>ATV312HU15M2<br>ATV31CU11M2<br>ATV31CU15M2<br>ATV31C037N4<br>ATV31C055N4<br>ATV31C075N4<br>ATV31CU11N4<br>ATV31CU15N4<br>ATV31CU22N4<br>ATV31CU30N4<br>ATV31CU40N4<br>ATV71W075N4<br>ATV71WU15N4<br>ATV71WU22N4<br>ATV71WU30N4<br>ATV71WU40N4 |

ATV12H018F1  
 ATV12H018M2  
 ATV12H037F1  
 ATV12H037M2  
 ATV12H055M2  
 ATV12H075M2  
 ATV12P037F1  
 ATV12P037M2  
 ATV12P055M2  
 ATV12P075M2  
 ATV12H075F1  
 ATV12HU15M2  
 ATV12H018M3  
 ATV12H037M3  
 ATV12H075M3  
 ATV12P037M3  
 ATV12P075M3  
 ATV12HU15M3  
 ATV12PU15M3  
 ATV312HU11M3  
 ATV312HU15M3  
 ATV312H037N4  
 ATV312H055N4  
 ATV312H075N4  
 ATV312HU11N4  
 ATV312HU15N4  
 ATV312HU22N4  
 ATV312HU30N4  
 ATV312HU40N4  
 ATV61W075N4  
 ATV61W075N4C  
 ATV61WU15N4  
 ATV61WU15N4C  
 ATV61WU22N4  
 ATV61WU22N4C  
 ATV61WU30N4  
 ATV61WU30N4C  
 ATV61WU40N4  
 ATV61WU40N4C  
 ATV61WU55N4  
 ATV61WU55N4C  
 Variable speed drive ATV310 motor : 1.5 kW  
 ATV32H018M2  
 ATV32H037M2  
 ATV32H037N4  
 ATV32H055M2  
 ATV32H055N4  
 ATV32H075M2  
 ATV32H075N4  
 ATV32HU11M2  
 ATV32HU11N4  
 ATV32HU15M2  
 ATV32HU15N4  
 ATV32HU22N4  
 ATV32HU30N4  
 ATV32HU40N4  
 Variable speed drive ATV310 motor : 2.2 kW  
 Variable speed drive ATV310 motor : 3 kW  
 Variable speed drive ATV310 motor : 4 kW  
 ATV61H075M3  
 ATV61H075N4  
 ATV61HU15N4  
 ATV61HU22N4  
 ATV61HU30N4  
 ATV61HU30Y  
 ATV61HU40N4  
 ATV61HU40Y  
 ATV61HU55Y  
 ATV61HU75Y  
 ATV71H037M3  
 ATV71H075M3  
 ATV71H075N4  
 ATV71HU15N4  
 ATV71HU22N4  
 ATV71HU22Y  
 ATV71HU30N4

ATV71HU30Y  
 ATV71HU40N4  
 ATV71HU40Y  
 ATV71HU55Y  
 ATV71P075N4Z  
 ATV71PU15N4Z  
 ATV71PU22N4Z  
 ATV71PU30N4Z  
 ATV71PU40N4Z

|                         |                                |
|-------------------------|--------------------------------|
| Average power available | 50 W at 50 °C<br>58 W at 40 °C |
| Ohmic value             | 100 Ohm                        |

### Complementary

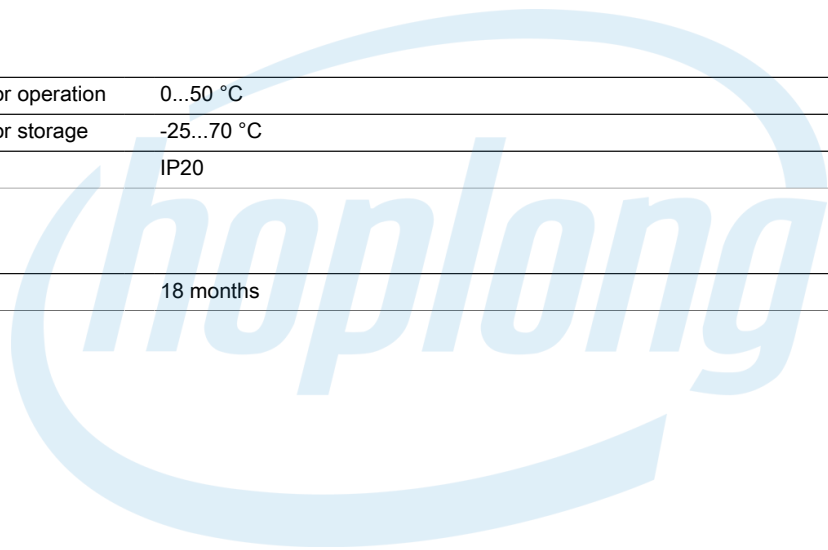
|                                |                                                                                                                             |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Electrical connection          | <= 1.5 mm <sup>2</sup> terminal (AWG 16) for temperature control switch<br><= 4 mm <sup>2</sup> terminal (AWG 28) for drive |
| Protection type                | Thermal protection via drive or temperature control switch at 120 °C                                                        |
| [Ue] rated operational voltage | 24 V DC<br>250 V AC                                                                                                         |
| [Ie] rated operational current | 0.1...1 A                                                                                                                   |
| Contact resistance             | <= 60 µOhm                                                                                                                  |
| Product weight                 | 1.9 kg                                                                                                                      |

### Environment

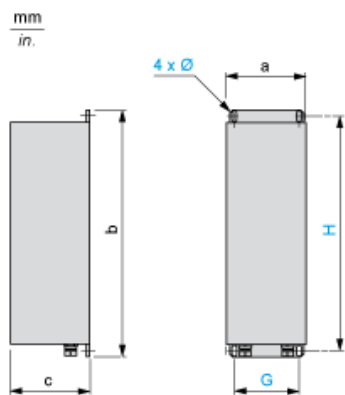
|                                       |             |
|---------------------------------------|-------------|
| Ambient air temperature for operation | 0...50 °C   |
| Ambient air temperature for storage   | -25...70 °C |
| IP degree of protection               | IP20        |

### Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|



Dimensions



Dimensions in mm

| a  | b   | c  | G  | H   | Ø      |
|----|-----|----|----|-----|--------|
| 95 | 293 | 95 | 70 | 275 | 6 x 12 |

Dimensions in in.

| a    | b     | c    | G    | H     | Ø           |
|------|-------|------|------|-------|-------------|
| 3.74 | 11.53 | 3.74 | 2.75 | 10.82 | 0.24 X 0.47 |

## Clearance

