



Main

| | |
|---------------------------|------------------|
| Product or component type | Braking resistor |
|---------------------------|------------------|

Complementary

| | |
|--------------------------------|---|
| Range compatibility | Altivar Machine ATV340 Altivar Process ATV900 |
| Product compatibility | Variable speed drive ATV930 wall mount 37 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 45 kW 380...480 V medium cycle Variable speed drive ATV950 wall mount 37 kW 380...480 V medium cycle Variable speed drive ATV950 wall mount 45 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 11 kW 200...240 V severe cycle Variable speed drive ATV340 30 kW 380...480 V medium cycle Variable speed drive ATV340 37 kW 380...480 V medium cycle |
| Braking cycle | Severe cycle heavy duty) <4 s 100 % 120 s Medium cycle normal duty) <4 s 135 % 40 s Medium cycle heavy duty) <4 s 165 % 40 s Severe cycle heavy duty) <6 s 165 % 120 s |
| Average power available | 2.9 kW 122 °F (50 °C) |
| Ohmic value | 10 Ohm |
| Electrical connection | Terminal <= 35 mm ² / AWG 3 drive Terminal <= 4 mm ² / AWG 10 temperature control switch |
| Protection type | Thermal protection via drive or temperature control switch at 120 °C |
| [Ue] rated operational voltage | 24 V DC 250 V AC |
| Width | 15.35 in (390 mm) |
| Height | 25.20 in (640 mm) |
| Depth | 7.09 in (180 mm) |
| Net Weight | 19.84 lb(US) (9 kg) |

Environment

| | |
|---------------------------------------|----------------------------|
| Ambient air temperature for operation | 32...122 °F (0...50 °C) |
| Ambient air temperature for storage | -13...158 °F (-25...70 °C) |
| IP degree of protection | IP20 |

Ordering and shipping details

| | |
|-----------------------|-----------------------|
| Category | 22209 - ATV650 |
| Discount Schedule | CP4E |
| GTIN | 03606480802379 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 12.1 lb(US) (5.49 kg) |
| Returnability | No |
| Country of origin | DE |

Packing Units

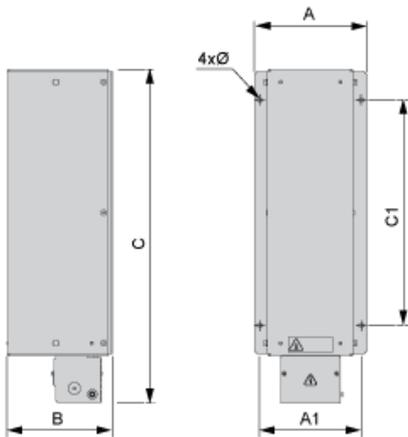
| | |
|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 10.24 in (26 cm) |
| Package 1 width | 15.75 in (40 cm) |
| Package 1 Length | 25.59 in (65 cm) |
| Unit Type of Package 2 | P06 |
| Number of Units in Package 2 | 2 |
| Package 2 Weight | 65.04 lb(US) (29.5 kg) |
| Package 2 Height | 31.50 in (80 cm) |
| Package 2 width | 31.50 in (80 cm) |
| Package 2 Length | 23.62 in (60 cm) |

Offer Sustainability

| | |
|----------------------------|---|
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |

Dimensions

Right Side and Front View



Dimensions in mm

| A | B | C | A1 | C1 | Ø |
|-----|-----|-----|-----|-----|---------|
| 390 | 180 | 640 | 370 | 380 | 6.6 x 9 |

Dimensions in in.

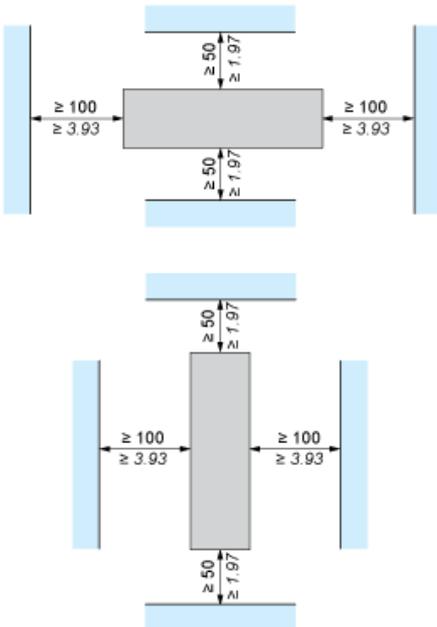
| A | B | C | A1 | C1 | Ø |
|-------|------|-------|-------|-------|-------------|
| 15.35 | 7.09 | 25.20 | 14.57 | 14.96 | 0.26 x 0.35 |

Mounting and Clearance



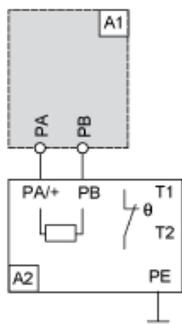
(1) Braking resistor

mm
in.



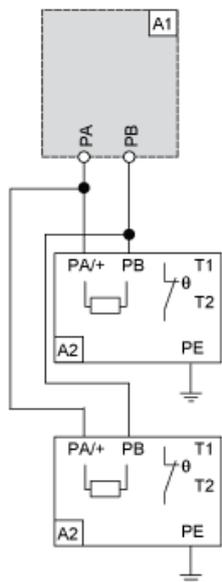
Recommended Schema

1 Braking Resistor



- A1 : Drive or external braking unit
- A2 : Braking resistor
- PA, Bus DC
- PB :
- T1, Temperature control switch
- T2 :

2 Braking Resistors



- A1 : Drive or external braking unit
- A2 : Braking resistor
- PA, Bus DC
- PB :
- T1, Temperature control switch
- T2 :