

Main

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

Complementary

| | |
|-------------------------|---|
| Range compatibility | Altivar Machine ATV340 Easy Altivar 310 Altivar Process ATV900 Altivar Machine ATV320 Easy Altivar 310L |
| Product compatibility | Variable speed drive ATV320 15 kW 525...600 V Variable speed drive ATV930 wall mount 4 kW 200...240 V medium cycle Variable speed drive ATV950 wall mount 11 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 3 kW 200...240 V medium cycle Variable speed drive ATV930 wall mount 11 kW 380...480 V light cycle Variable speed drive ATV320 7.5 kW 525...600 V Variable speed drive ATV930 15 kW 500...690 V light cycle Variable speed drive ATV930 wall mount 3 kW 200...240 V light cycle Variable speed drive ATV930 25 hp 600 V light cycle Variable speed drive ATV320 7.5 kW 380...480 V Variable speed drive ATV320 3 kW 200...240 V Variable speed drive ATV320 11 kW 380...480 V Variable speed drive ATV320 11 kW 525...600 V Variable speed drive ATV930 20 hp 600 V light cycle Variable speed drive ATV930 18.5 kW 500...690 V light cycle Variable speed drive ATV930 wall mount 15 kW 380...480 V light cycle Variable speed drive ATV340 11 kW 380...480 V light cycle Variable speed drive ATV950 wall mount 15 kW 380...480 V light cycle Variable speed drive ATV310 11 kW Variable speed drive ATV930 wall mount 4 kW 200...240 V light cycle Variable speed drive ATV340 7.5 kW 380...480 V light cycle Variable speed drive ATV320 2.2 kW 200...240 V |
| Braking cycle | Light cycle heavy duty) <0.8 s 150 % 40 s Light cycle normal duty) <0.8 s 120 % 40 s Medium cycle normal duty) <4 s 135 % 40 s Medium cycle heavy duty) <4 s 165 % 40 s |
| Average power available | 0.3 kW 122 °F (50 °C) |
| Ohmic value | 28 Ohm |
| Electrical connection | Terminal <= 10 mm ² / AWG 8 drive |
| Protection type | Thermal protection via drive |
| Maximum Width | 6.89 in (175 mm) |
| Height | 13.58 in (345 mm) |
| Depth | 3.94 in (100 mm) |
| Net Weight | 5.95 lb(US) (2.7 kg) |

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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 | 00785901947615 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 6.8 lb(US) (3.08 kg) |
| Returnability | No |
| Country of origin | DE |

Packing Units

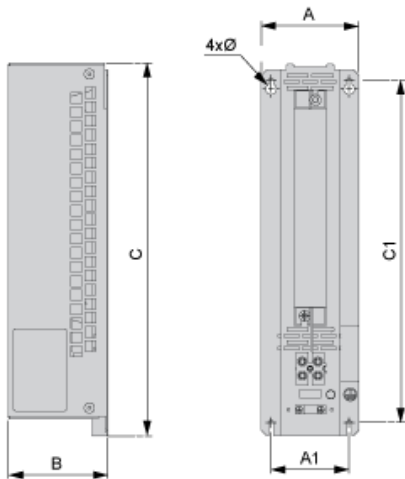
| | |
|------------------------------|---------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 6.61 in (16.8 cm) |
| Package 1 width | 14.17 in (36 cm) |
| Package 1 Length | 7.40 in (18.8 cm) |
| Unit Type of Package 2 | P06 |
| Number of Units in Package 2 | 18 |
| Package 2 Weight | 139.69 lb(US) (63.364 kg) |
| Package 2 Height | 19.69 in (50 cm) |
| Package 2 width | 23.62 in (60 cm) |
| Package 2 Length | 31.50 in (80 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 |
|-----|-----|-----|-----|-----|-----|
| 175 | 100 | 345 | 142 | 316 | 4.5 |

Dimensions in in.

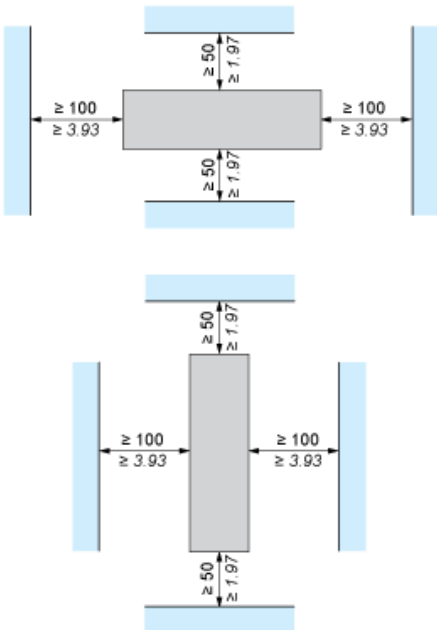
| A | B | C | A1 | C1 | Ø |
|------|------|-------|------|-------|------|
| 6.89 | 3.94 | 13.58 | 5.59 | 12.44 | 0.18 |

Mounting and Clearance



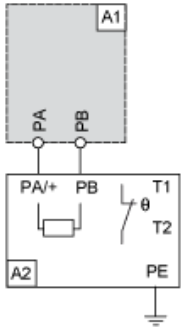
(1) Braking resistor

mm
in.



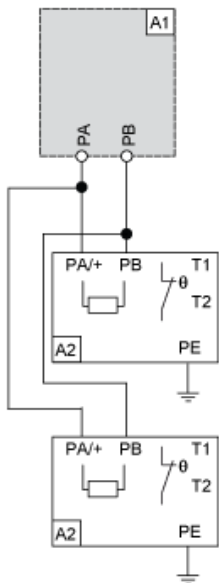
Recommended Schema

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 :