

## Main

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

## Complementary

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range compatibility     | Altivar Machine ATV320<br>Altivar Machine ATV340<br>Altivar Easy 310                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product compatibility   | Variable speed drive ATV930 wall mount 11 kW 380...480 V light cycle<br>Variable speed drive ATV930 wall mount 15 kW 380...480 V light cycle<br>Variable speed drive ATV930 wall mount 3 kW 200...240 V light cycle<br>Variable speed drive ATV930 wall mount 4 kW 200...240 V light cycle<br>Variable speed drive ATV950 wall mount 11 kW 380...480 V light cycle<br>Variable speed drive ATV950 wall mount 15 kW 380...480 V light cycle<br>Variable speed drive ATV930 wall mount 3 kW 200...240 V medium cycle<br>Variable speed drive ATV930 wall mount 4 kW 200...240 V medium cycle<br>Variable speed drive ATV340 7.5 kW 380...480 V light cycle<br>Variable speed drive ATV340 11 kW 380...480 V light cycle<br>Variable speed drive ATV320 2.2 kW 200...240 V<br>Variable speed drive ATV320 3 kW 200...240 V<br>Variable speed drive ATV320 7.5 kW 380...480 V<br>Variable speed drive ATV320 11 kW 380...480 V<br>Variable speed drive ATV320 7.5 kW 525...600 V<br>Variable speed drive ATV320 11 kW 525...600 V<br>Variable speed drive ATV320 15 kW 525...600 V<br>Variable speed drive ATV310 11 kW |
| Duty cycle              | Light cycle (heavy duty) : 0.8 s braking with 150 % braking torque for a 40 s cycle<br>Light cycle (normal duty) : 0.8 s braking with 120 % braking torque for a 40 s cycle<br>Medium cycle (normal duty) : 4 s braking with 135 % braking torque for a 40 s cycle<br>Medium cycle (heavy duty) : 4 s braking with 165 % braking torque for a 40 s cycle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Average power available | 0.3 kW at 50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Ohmic value             | 28 Ohm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Electrical connection   | Terminal, clamping capacity: <= 10 mm <sup>2</sup> , AWG 8 for drive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Protection type         | Thermal protection via drive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Width                   | 175 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Height                  | 345 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Depth                   | 100 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

|                |      |
|----------------|------|
| Product weight | 3 kg |
|----------------|------|

## Environment

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

## Offer Sustainability

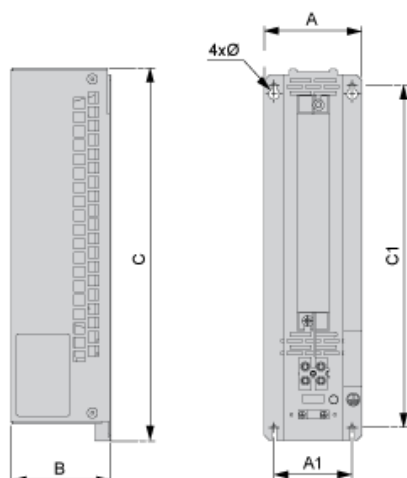
|                          |                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status | Not Green Premium product                                                                                                             |
| RoHS (date code: YYWW)   | Compliant - since 1533 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |



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## 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.

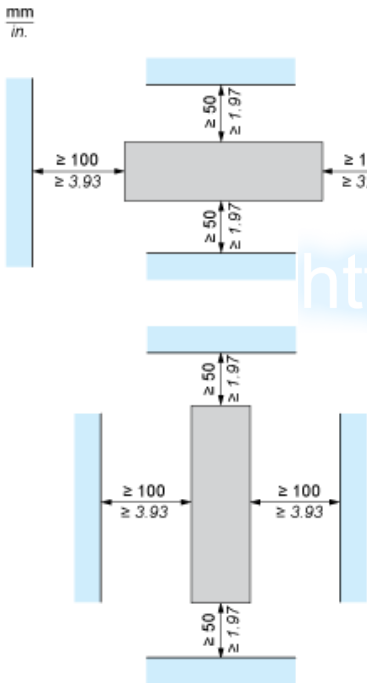
| A    | B    | C     | A1   | C1    | Ø    |
|------|------|-------|------|-------|------|
| 6.89 | 3.94 | 13.58 | 5.59 | 12.44 | 0.18 |

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Mounting and Clearance



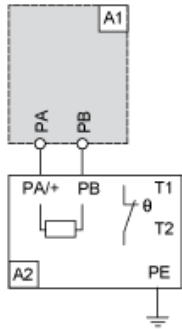
(1) Braking resistor



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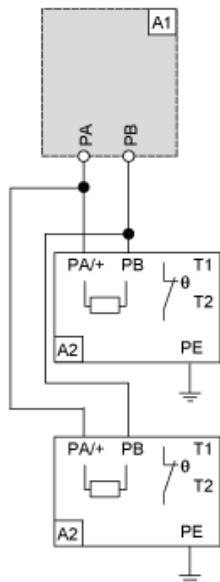
## Recommended Schema

### 1 Braking Resistor



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

### 2 Braking Resistors



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



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