

# Product datasheet

Specifications



## braking resistor, Altivar, 5Ohms, 32kW, IP23

VW3A7756

### Main

|                                |  |
|--------------------------------|--|
| Range Compatibility            | Altivar Machine ATV340<br>Altivar Process ATV900 |
| Product Or Component Type      | Braking resistor                                 |
| Ohmic Value                    | 5 Ohm  |
| [Ue] Rated Operational Voltage | 24 V DC<br>250 V AC                              |

### Complementary

|                         |  |
|-------------------------|--|
| Product Compatibility   | Variable speed drive ATV930 wall mount 75 kW 380...480 V severe cycle<br>Variable speed drive ATV930 wall mount 110 kW 380...480 V severe cycle<br>Variable speed drive ATV930 wall mount 132 kW 380...480 V severe cycle<br>Variable speed drive ATV930 wall mount 160 kW 380...480 V severe cycle<br>Variable speed drive ATV930 wall mount 22 kW 200...240 V severe cycle<br>Variable speed drive ATV930 wall mount 30 kW 200...240 V severe cycle<br>Variable speed drive ATV930 wall mount 37 kW 200...240 V severe cycle<br>Variable speed drive ATV930 wall mount 45 kW 200...240 V severe cycle<br>Variable speed drive ATV950 wall mount 75 kW 380...480 V severe cycle<br>Variable speed drive ATV340 55 kW 380...480 V severe cycle<br>Variable speed drive ATV930 wall mount 220 kW 380...480 V medium cycle 3 per drive<br>Variable speed drive ATV930 wall mount 250 kW 380...480 V medium cycle 3 per drive<br>Variable speed drive ATV930 wall mount 310 kW 380...480 V medium cycle 4 per drive |
| Duty Cycle              | Severe cycle (heavy duty) <54 s braking with 100 % braking torque for a 120 s cycle<br>Severe cycle (heavy duty) <6 s braking with 165 % braking torque for a 120 s cycle<br>Severe cycle (heavy duty) <6 s braking with 150 % braking torque for a 120 s cycle<br>variable speed drive power = 220 kW<br>Severe cycle (heavy duty) <6 s braking with 150 % braking torque for a 120 s cycle<br>variable speed drive power = 250 kW<br>Severe cycle (heavy duty) <6 s braking with 150 % braking torque for a 120 s cycle<br>variable speed drive power = 315 kW   |
| Average Power Available | 32 kW at 50 °C   |
| Electrical Connection   | terminal, connection capacity: <= 2.5 mm² / AWG 12 for temperature control switch<br>M12 bar wire for drive  |
| Protection Type         | Thermal protection via drive or temperature control switch at 120 °C   |
| Width                   | 540 mm   |
| Height                  | 1285 mm  |
| Depth                   | 1060 mm  |
| Net Weight              | 126 kg   |

### Environment

|                                     |             |
|-------------------------------------|-------------|
| Ip Degree Of Protection             | IP23        |
| Ambient Air Temperature For Storage | -25...70 °C |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                                       |           |
|---------------------------------------|-----------|
| Ambient Air Temperature For Operation | 0...50 °C |
|---------------------------------------|-----------|

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type Of Package 1       | PCE      |
| Number Of Units In Package 1 | 1        |
| Package 1 Height             | 137.0 cm |
| Package 1 Width              | 70.0 cm  |
| Package 1 Length             | 111.0 cm |
| Package 1 Weight             | 136.2 kg |

# Sustainability





**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)

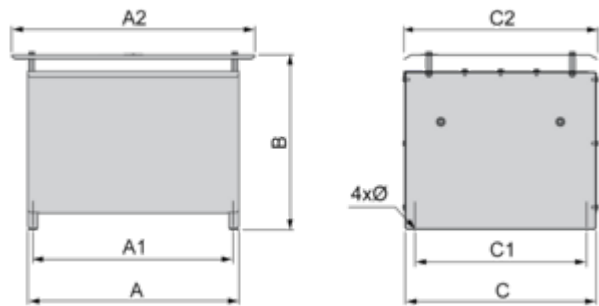
## Well-being performance

|   |                            |   |
|---|----------------------------|---|
|  | Reach Free Of Svhc         |   |
|  | Toxic Heavy Metal Free     |   |
|  | Mercury Free               |   |
|  | Rohs Exemption Information | Yes   |
|   |                            |   |
| Reach Regulation  |                            | <a href="#">REACH Declaration</a>   |
|   |                            |   |
| Eu Rohs Directive   |                            | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |
|   |                            |   |
| China Rohs Regulation   |                            | <a href="#">China RoHS declaration</a>  |

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

| A   | B    | C   | A1  | C1  | A2   | C2  | Ø      |
|-----|------|-----|-----|-----|------|-----|--------|
| 940 | 1285 | 485 | 920 | 380 | 1060 | 540 | 9 x 12 |

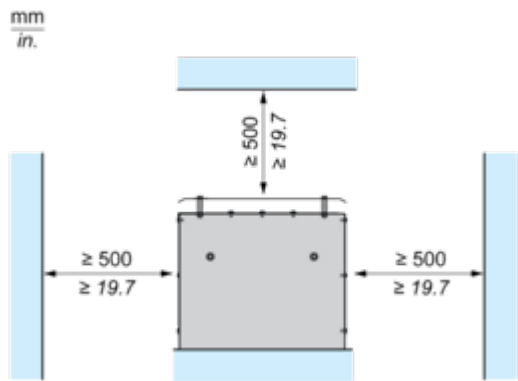
Dimensions in in.

| A     | B     | C     | A1    | C1    | A2    | C2    | Ø           |
|-------|-------|-------|-------|-------|-------|-------|-------------|
| 37.00 | 50.59 | 19.09 | 36.22 | 14.96 | 41.73 | 21.26 | 0.35 x 0.47 |

Mounting and Clearance

Clearances

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Connections and Schema

Recommended Schema

1 Braking Resistor

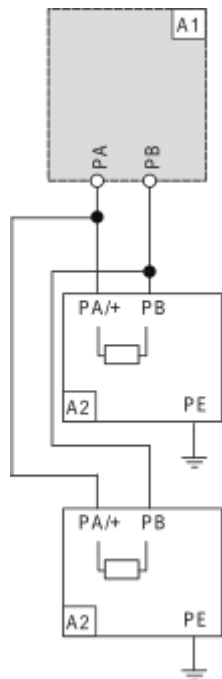


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC