

# Product datasheet

Specifications



## braking resistor - 1.4 ohms - 5.1 kW - IP23

VW3A7748

Price: 67,868.83 ZAR

### Main

|                                |                        |
|--------------------------------|------------------------|
| Range Compatibility            | Altivar Process ATV900 |
| Product Or Component Type      | Braking resistor       |
| Ohmic Value                    | 1.4 Ohm                |
| [Ue] Rated Operational Voltage | 24 V DC<br>250 V AC    |

### Complementary

|                         |                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Compatibility   | Variable speed drive ATV930 wall mount 55 kW 200...240 V medium cycle<br>Variable speed drive ATV930 wall mount 75 kW 200...240 V medium cycle<br>Variable speed drive ATV930 wall mount 220 kW 380...480 V light cycle<br>Variable speed drive ATV930 wall mount 250 kW 380...480 V light cycle |
| Duty Cycle              | 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 | 5.1 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                  | 485 mm                                                                                                                                                                                                                                                                                           |
| Depth                   | 650 mm                                                                                                                                                                                                                                                                                           |
| Net Weight              | 29 kg                                                                                                                                                                                                                                                                                            |

### Environment

|                                       |             |
|---------------------------------------|-------------|
| Ip Degree Of Protection               | IP23        |
| Ambient Air Temperature For Storage   | -25...70 °C |
| 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             | 48.500 cm |
| Package 1 Width              | 54.000 cm |
| Package 1 Length             | 65.000 cm |
| Package 1 Weight             | 40.000 kg |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

## 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 >](#)

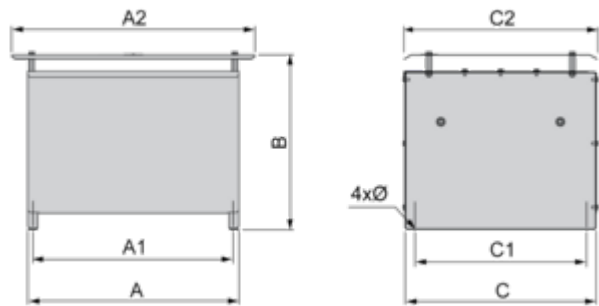
## Well-being performance

|                                                                                   |                            |                                                                                                   |
|-----------------------------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------------------------------|
|  | 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      |
|-----|-----|-----|-----|-----|-----|-----|--------|
| 530 | 485 | 485 | 510 | 380 | 650 | 540 | 9 x 12 |

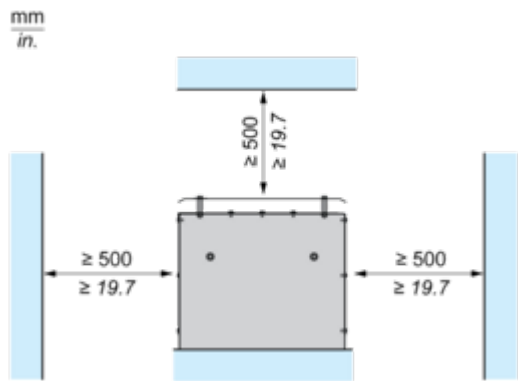
Dimensions in in.

| A     | B     | C     | A1    | C1    | A2    | C2    | Ø           |
|-------|-------|-------|-------|-------|-------|-------|-------------|
| 20.87 | 19.09 | 19.09 | 20.08 | 14.96 | 25.59 | 21.26 | 0.35 x 0.47 |

Mounting and Clearance

Clearances

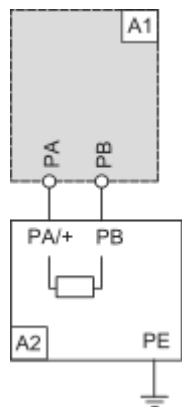
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Connections and Schema

Recommended Schema

1 Braking Resistor

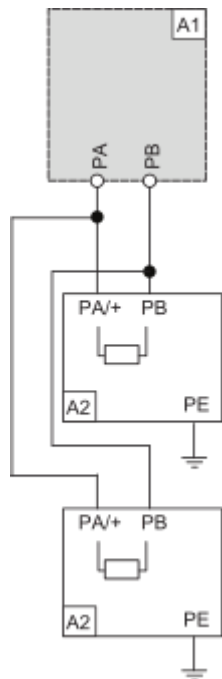


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC