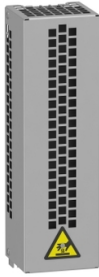


# Product data sheet

Specifications



## braking resistor, Altivar, 60Ohms, 0.16kW, IP20

VW3A7731

### Main

|                           |   |
|---------------------------|---|
| Range of product          | Altivar   |
| Range compatibility       | Altivar Machine ATV320<br>Altivar Machine ATV340<br>Easy Altivar 310<br>Altivar Process ATV900<br>Easy Altivar 310L |
| Product or component type | Braking resistor  |
| Ohmic value               | 60 Ohm  |

### Complementary

|                         |  |
|-------------------------|--|
| Product compatibility   | Variable speed drive ATV930 wall mount 5.5 kW 380...480 V light cycle<br>Variable speed drive ATV930 wall mount 7.5 kW 380...480 V light cycle<br>Variable speed drive ATV930 wall mount 1.5 kW 200...240 V light cycle<br>Variable speed drive ATV930 wall mount 2.2 kW 200...240 V light cycle<br>Variable speed drive ATV950 wall mount 5.5 kW 380...480 V light cycle<br>Variable speed drive ATV950 wall mount 7.5 kW 380...480 V light cycle<br>Variable speed drive ATV930 wall mount 1.5 kW 200...240 V medium cycle<br>Variable speed drive ATV930 wall mount 2.2 kW 200...240 V medium cycle<br>Variable speed drive ATV340 4 kW 380...480 V light cycle<br>Variable speed drive ATV340 5.5 kW 380...480 V light cycle<br>Variable speed drive ATV320 0.55 kW 200...240 V<br>Variable speed drive ATV320 0.75 kW 200...240 V<br>Variable speed drive ATV320 1.1 kW 200...240 V<br>Variable speed drive ATV320 1.5 kW 200...240 V<br>Variable speed drive ATV320 4 kW 380...480 V<br>Variable speed drive ATV320 5.5 kW 380...480 V<br>Variable speed drive ATV310 5.5 kW<br>Variable speed drive ATV310 7.5 kW<br>Variable speed drive ATV930 7.5 kW 500...690 V light cycle<br>Variable speed drive ATV930 11 kW 500...690 V light cycle<br>Variable speed drive ATV930 10 hp 600 V light cycle<br>Variable speed drive ATV930 15 hp 600 V light cycle<br>Variable speed drive ATV320 5.5 kW 525...600 V<br>Variable speed drive ATV310L 0.75 kW<br>Variable speed drive ATV310L 1.5 kW<br>Variable speed drive ATV310L 2.2 kW<br>Variable speed drive ATV310L 3.0 kW<br>Variable speed drive ATV310L 4.0 kW<br>Variable speed drive ATV310L 5.5 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 | 0.16 kW at 50 °C   |
| Electrical connection   | terminal, connection capacity: <= 10 mm <sup>2</sup> / AWG 8 for drive   |
| Protection type         | Thermal protection via drive   |
| Width                   | 105 mm   |
| Height                  | 345 mm   |
| Depth                   | 100 mm   |

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|                |        |
|----------------|--------|
| Product weight | 1.8 kg |
|----------------|--------|

## Environment

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|                         |      |
|-------------------------|------|
| IP degree of protection | IP20 |
|-------------------------|------|

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|                                     |             |
|-------------------------------------|-------------|
| Ambient air temperature for storage | -25...70 °C |
|-------------------------------------|-------------|

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|                                       |           |
|---------------------------------------|-----------|
| Ambient air temperature for operation | 0...50 °C |
|---------------------------------------|-----------|

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## Packing Units

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|                        |     |
|------------------------|-----|
| Unit Type of Package 1 | PCE |
|------------------------|-----|

---

|                              |   |
|------------------------------|---|
| Number of Units in Package 1 | 1 |
|------------------------------|---|

---

|                  |           |
|------------------|-----------|
| Package 1 Height | 12.000 cm |
|------------------|-----------|

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|                 |           |
|-----------------|-----------|
| Package 1 Width | 17.000 cm |
|-----------------|-----------|

---

|                  |           |
|------------------|-----------|
| Package 1 Length | 36.000 cm |
|------------------|-----------|

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|                  |          |
|------------------|----------|
| Package 1 Weight | 2.051 kg |
|------------------|----------|

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|                        |     |
|------------------------|-----|
| Unit Type of Package 2 | P06 |
|------------------------|-----|

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|                              |    |
|------------------------------|----|
| Number of Units in Package 2 | 30 |
|------------------------------|----|

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|                  |           |
|------------------|-----------|
| Package 2 Height | 75.000 cm |
|------------------|-----------|

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|                 |           |
|-----------------|-----------|
| Package 2 Width | 60.000 cm |
|-----------------|-----------|

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|                  |           |
|------------------|-----------|
| Package 2 Length | 80.000 cm |
|------------------|-----------|

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|                  |           |
|------------------|-----------|
| Package 2 Weight | 70.000 kg |
|------------------|-----------|

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## Contractual warranty

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|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better



#### Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

EU RoHS Directive

[Compliant](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

### Use Longer



#### Lifetime extension

Repair

No

### Use Again



#### Repack and remanufacture

Take-back

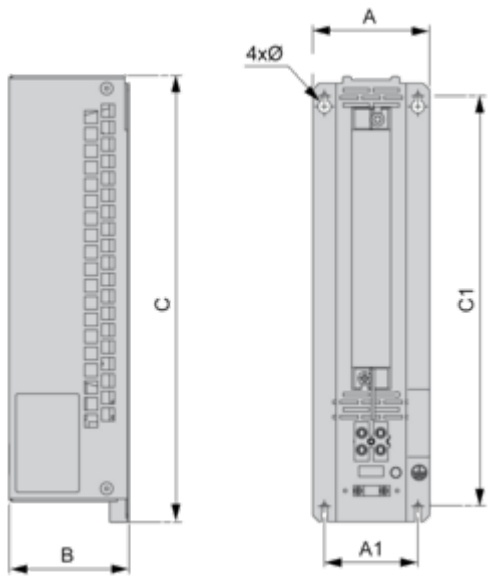
No

Dimensions Drawings

Dimensions

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Right Side and Front View



Dimensions in mm

| A   | B   | C   | A1 | C1  | Ø   |
|-----|-----|-----|----|-----|-----|
| 105 | 100 | 345 | 72 | 316 | 4.5 |

Dimensions in in.

| A    | B    | C     | A1   | C1    | Ø    |
|------|------|-------|------|-------|------|
| 4.13 | 3.94 | 13.58 | 2.83 | 12.44 | 0.18 |

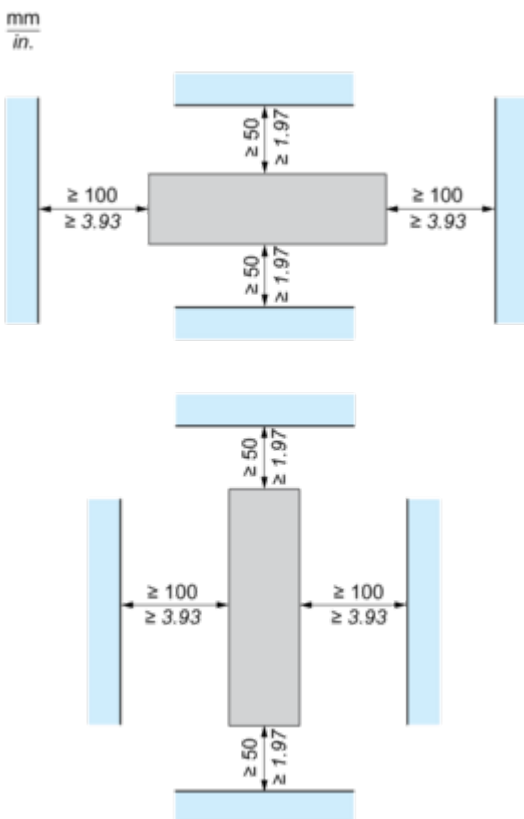
Mounting and Clearance

Mounting and Clearance

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(1) Braking resistor



Connections and Schema

Recommended Schema

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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