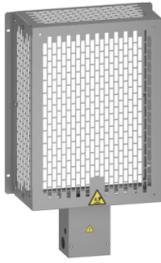


Product data sheet

Specifications



braking resistor, Altivar, 10Ohms, 2.9kW, IP20

VW3A7744

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

| | |
|--------------------------------|--------------------------------------------------|
| Range Compatibility | Altivar Machine ATV340 Altivar Process ATV900 |
| Product or Component Type | Braking resistor |
| Ohmic value | 10 Ohm |
| [Ue] rated operational voltage | 24 V DC 250 V AC |

Complementary

| | |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product compatibility | Variable speed drive ATV930 wall mount 37 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 45 kW 380...480 V medium cycle Variable speed drive ATV950 wall mount 37 kW 380...480 V medium cycle Variable speed drive ATV950 wall mount 45 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 11 kW 200...240 V severe cycle Variable speed drive ATV340 30 kW 380...480 V medium cycle Variable speed drive ATV340 37 kW 380...480 V medium cycle |
| Duty cycle | Severe cycle (heavy duty) <54 s braking with 100 % braking torque for a 120 s cycle Medium cycle (normal duty) <4 s braking with 135 % braking torque for a 40 s cycle Medium cycle (heavy duty) <4 s braking with 165 % braking torque for a 40 s cycle Severe cycle (heavy duty) <6 s braking with 165 % braking torque for a 120 s cycle |
| Average power available | 2.9 kW 122 °F (50 °C) |
| Electrical connection | terminal <= 35 mm ² / AWG 3 drive terminal <= 4 mm ² / AWG 10 temperature control switch |
| Protection type | Thermal protection via drive or temperature control switch 120 °C |
| Width | 15.4 in (390 mm) |
| Height | 25.2 in (640 mm) |
| Depth | 7.09 in (180 mm) |
| Product Weight | 19.8 lb(US) (9 kg) |

Environment

| | |
|---------------------------------------|----------------------------|
| IP Degree of Protection | IP20 |
| Ambient Air Temperature for Storage | -13...158 °F (-25...70 °C) |
| Ambient Air Temperature for Operation | 32...122 °F (0...50 °C) |

Ordering and shipping details

| | |
|-------------------|---------------|
| Category | US1CP4E22209 |
| Discount Schedule | CP4E |
| GTIN | 3606480802379 |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| | |
|----------------------|-----|
| Returnability | Yes |
|----------------------|-----|

| | |
|--------------------------|----|
| Country of origin | DE |
|--------------------------|----|

Packing Units

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

| | |
|------------------------------|---|
| Nbr. of units in pkg. | 1 |
|------------------------------|---|

| | |
|-------------------------|----------------------|
| Package 1 Height | 10.24 in (26.000 cm) |
|-------------------------|----------------------|

| | |
|------------------------|----------------------|
| Package 1 Width | 15.75 in (40.000 cm) |
|------------------------|----------------------|

| | |
|-------------------------|----------------------|
| Package 1 Length | 25.59 in (65.000 cm) |
|-------------------------|----------------------|

| | |
|----------------------------|---------------------------|
| Package weight(Lbs) | 23.149 lb(US) (10.500 kg) |
|----------------------------|---------------------------|

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

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

| | |
|-------------------------|----------------------|
| Package 2 Height | 29.53 in (75.000 cm) |
|-------------------------|----------------------|

| | |
|------------------------|----------------------|
| Package 2 Width | 23.62 in (60.000 cm) |
|------------------------|----------------------|

| | |
|-------------------------|----------------------|
| Package 2 Length | 31.50 in (80.000 cm) |
|-------------------------|----------------------|

| | |
|-------------------------|---------------------------|
| Package 2 Weight | 65.036 lb(US) (29.500 kg) |
|-------------------------|---------------------------|

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 | Pro-active compliance (Product out of EU RoHS legal scope) |
| 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 |

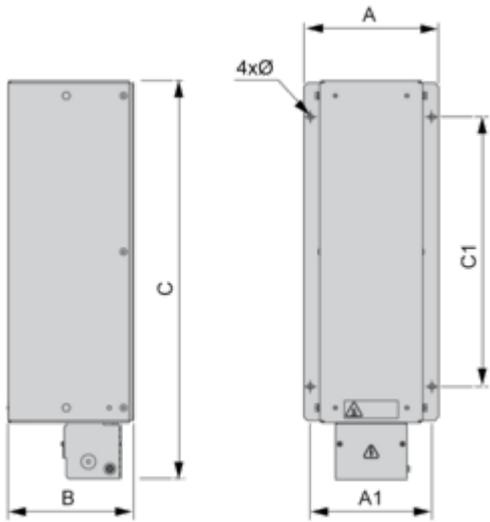
Use Again

|  Repack and remanufacture | |
|--------------------------------------------------------------------------------------------------------------------|----|
| Take-back | No |

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

| A | B | C | A1 | C1 | Ø |
|-----|-----|-----|-----|-----|---------|
| 390 | 180 | 640 | 370 | 380 | 6.6 x 9 |

Dimensions in in.

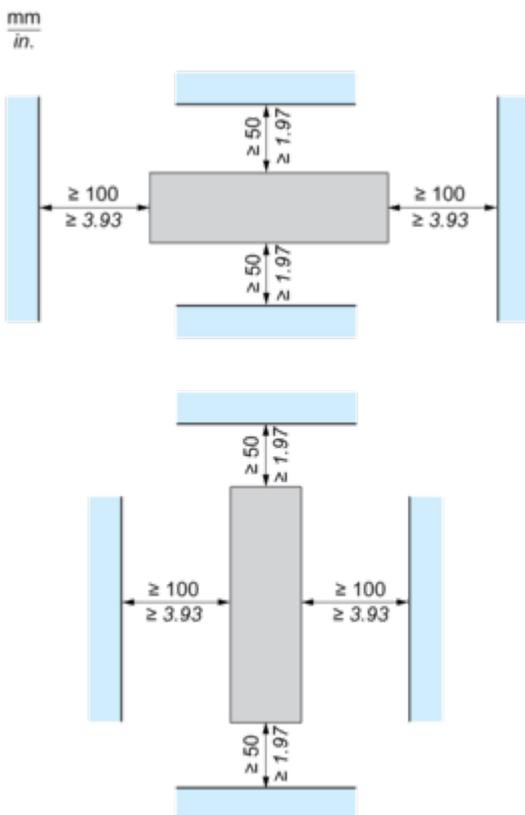
| A | B | C | A1 | C1 | Ø |
|-------|------|-------|-------|-------|-------------|
| 15.35 | 7.09 | 25.20 | 14.57 | 14.96 | 0.26 x 0.35 |

Mounting and Clearance

Mounting and Clearance



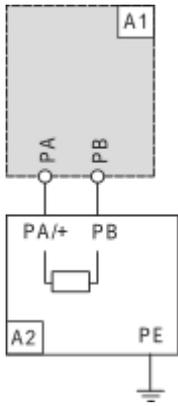
(1) Braking resistor



Connections and Schema

Recommended Schema

1 Braking Resistor

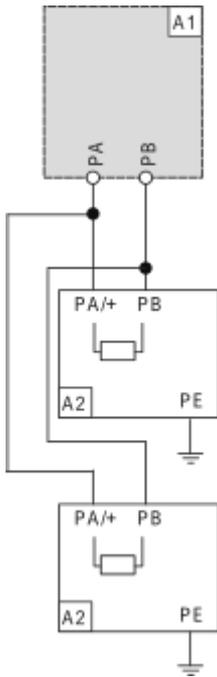


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC