

# Product data sheet

Specifications



braking resistor, Altivar, 100Ohms,  
1.7kW, IP20

VW3A7750

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

Price\*: 439.90 USD

## Main

Range Compatibility	Altivar Machine ATV340 Altivar Process ATV900
Product Or Component Type	Braking resistor
Ohmic Value	100 Ohm
[Ue] Rated Operational Voltage	24 V DC 250 V AC

## Complementary

Product Compatibility	Variable speed drive ATV930 wall mount 0.75 kW 380...480 V severe cycle Variable speed drive ATV930 wall mount 1.5 kW 380...480 V severe cycle Variable speed drive ATV930 wall mount 2.2 kW 380...480 V severe cycle Variable speed drive ATV930 wall mount 3 kW 380...480 V severe cycle Variable speed drive ATV930 wall mount 4 kW 380...480 V severe cycle Variable speed drive ATV950 wall mount 0.75 kW 380...480 V severe cycle Variable speed drive ATV950 wall mount 1.5 kW 380...480 V severe cycle Variable speed drive ATV950 wall mount 2.2 kW 380...480 V severe cycle Variable speed drive ATV950 wall mount 3 kW 380...480 V severe cycle Variable speed drive ATV950 wall mount 4 kW 380...480 V severe cycle Variable speed drive ATV340 0.75 kW 380...480 V severe cycle Variable speed drive ATV340 1.5 kW 380...480 V severe cycle Variable speed drive ATV340 2.2 kW 380...480 V severe cycle Variable speed drive ATV340 3 kW 380...480 V severe cycle Variable speed drive ATV930 2.2 kW 500...690 V severe cycle Variable speed drive ATV930 3 kW 500...690 V severe cycle Variable speed drive ATV930 4 kW 500...690 V severe cycle Variable speed drive ATV930 5.5 kW 500...690 V severe cycle Variable speed drive ATV930 3 hp 600 V severe cycle Variable speed drive ATV930 5 hp 600 V severe cycle Variable speed drive ATV930 7.5 hp 600 V severe cycle
Duty Cycle	Severe cycle (heavy duty) <54 s braking with 100 % braking torque for a 120 s cycle Severe cycle (heavy duty) <6 s braking with 165 % braking torque for a 120 s cycle
Average Power Available	1.7 kW 122 °F (50 °C)
Electrical Connection	terminal <= 10 mm² / AWG 8 drive terminal <= 2.5 mm² / AWG 12 temperature control switch
Protection Type	Thermal protection via drive or temperature control switch 120 °C
Width	11.42 in (290 mm)
Height	22.44 in (570 mm)
Depth	7.09 in (180 mm)
Net Weight	11.02 lb(US) (5 kg)

## Environment

Ip Degree Of Protection	IP20
Ambient Air Temperature For Storage	-13...158 °F (-25...70 °C)

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

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	32...122 °F (0...50 °C)
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## Ordering and shipping details

Category	US1CP4E22209
Discount Schedule	CP4E
Gtin	3606480802423
Returnability	No
Country Of Origin	DE

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.69 in (24.600 cm)
Package 1 Width	11.97 in (30.400 cm)
Package 1 Length	22.76 in (57.800 cm)
Package 1 Weight	12.95 lb(US) (5.876 kg)
Unit Type Of Package 2	P06
Number Of Units In Package 2	4
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	71.12 lb(US) (32.260 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 >](#)

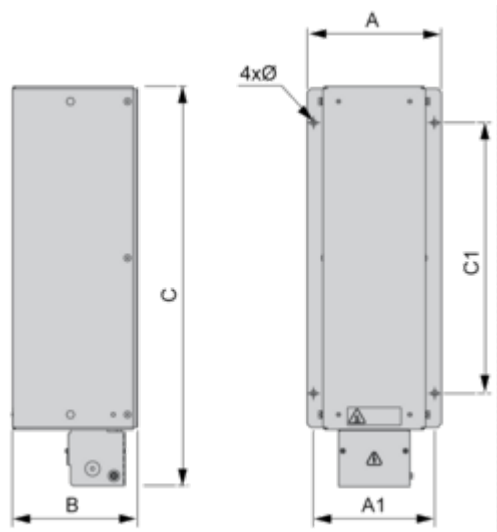
## Well-being performance

 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) <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

A	B	C	A1	C1	Ø
290	180	570	270	380	6.6 x 9

Dimensions in in.

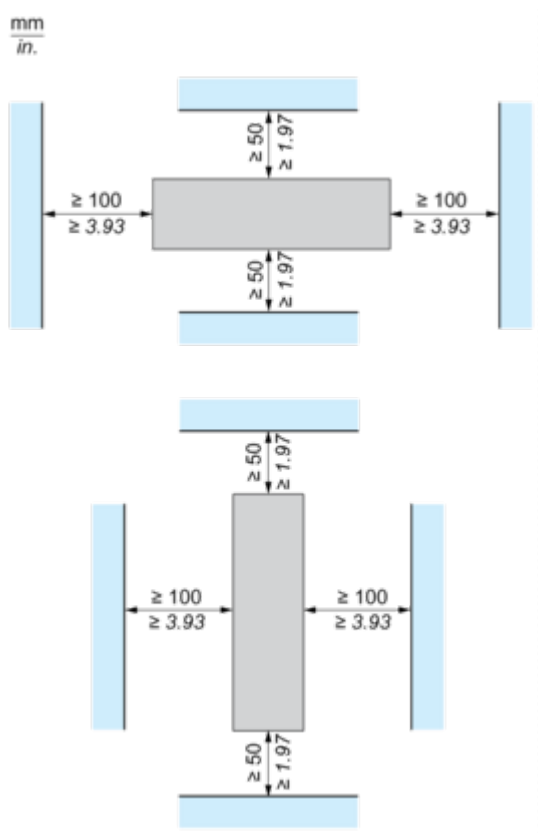
A	B	C	A1	C1	Ø
11.42	7.09	22.44	10.63	14.96	0.26 x 0.35

Mounting and Clearance

Mounting and Clearance



(1) Braking resistor



Connections and Schema

Recommended Schema

1 Braking Resistor

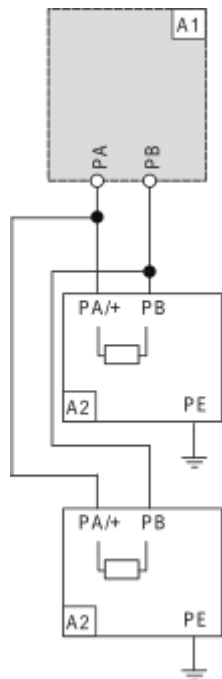


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC