

# Product data sheet

Specifications



braking resistor, Altivar, 1.4Ohms,  
5.1kW, IP23

VW3A7748

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

Price\*: 2,306.00 USD

## Main

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

## Complementary

Product Compatibility	Variable speed drive ATV930 wall mount 55 kW 200...240 V medium cycle Variable speed drive ATV930 wall mount 75 kW 200...240 V medium cycle Variable speed drive ATV930 wall mount 220 kW 380...480 V light cycle 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 Medium cycle (heavy duty) <4 s braking with 165 % braking torque for a 40 s cycle
Average Power Available	5.1 kW 122 °F (50 °C)
Electrical Connection	terminal <= 2.5 mm² / AWG 12 temperature control switch M12 bar wire drive
Protection Type	Thermal protection via drive or temperature control switch 120 °C
Width	21.26 in (540 mm)
Height	19.09 in (485 mm)
Depth	25.59 in (650 mm)
Net Weight	63.93 lb(US) (29 kg)

## Environment

Ip Degree Of Protection	IP23
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	3606480802416
Returnability	No
Country Of Origin	DE

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

# Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	19.09 in (48.500 cm)
Package 1 Width	21.26 in (54.000 cm)
Package 1 Length	25.59 in (65.000 cm)
Package 1 Weight	88.18 lb(US) (40.000 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 >](#)

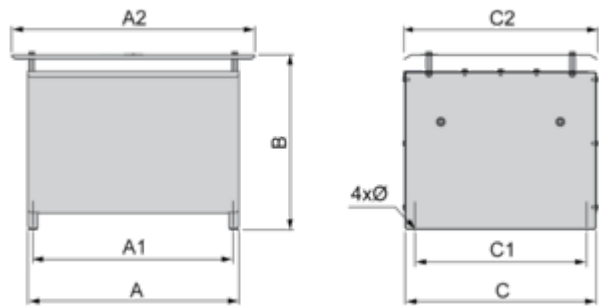
## Well-being performance

✓	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	A2	C2	Ø
530	485	485	510	380	650	540	9 x 12

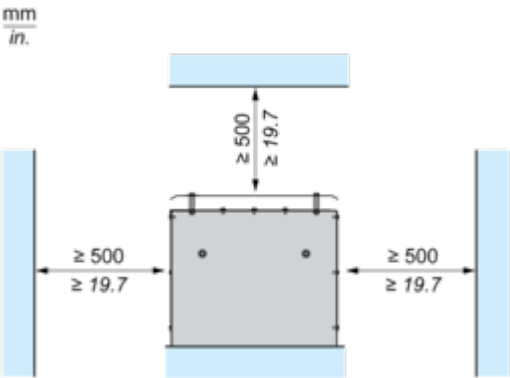
Dimensions in in.

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

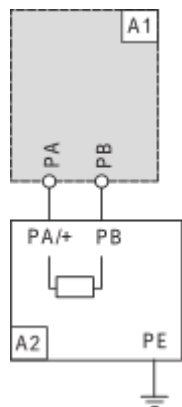
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Connections and Schema

Recommended Schema

1 Braking Resistor

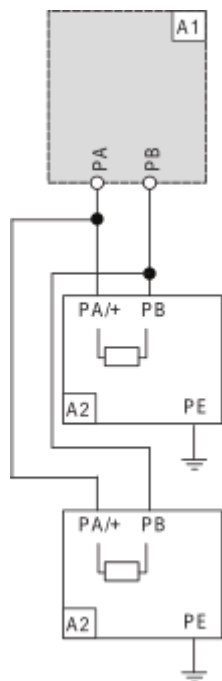


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC