


Product data sheet

Specifications



braking resistor, Altivar, 1.4Ohms, 1.5kW, IP23

VW3A7738

 **Discontinued on:** Jul 15, 2023

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

 **Discontinued**

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 light cycle Variable speed drive ATV930 wall mount 75 kW 200...240 V light cycle
Duty cycle	Light cycle (heavy duty) <0.8 s braking with 150 % braking torque for a 40 s cycle Light cycle (normal duty) <0.8 s braking with 120 % braking torque for a 40 s cycle
Average power available	1.5 kW 122.0000000000 °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	21.3 in (540 mm)
Height	17.5 in (445 mm)
Depth	17.7 in (450 mm)
Net Weight	37.5 lb(US) (17 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	3606480802324
Returnability	No
Country of origin	DE

Packing Units

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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	17.5 in (44.5 cm)
Package 1 Width	17.7 in (45.0 cm)
Package 1 Length	21.3 in (54.0 cm)
Package 1 Weight	66.1 lb(US) (30.0 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-CO₂ 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 >](#)

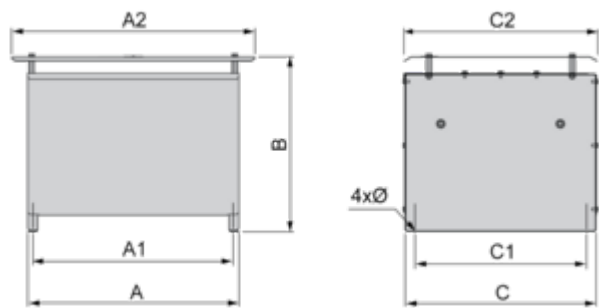
Well-being performance

	Reach Free Of Svhc	
	Toxic Heavy Metal Free	
	Mercury Free	
	Rohs Exemption Information	Yes
<hr/>		
Eu Rohs Directive		Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
<hr/>		
China Rohs Regulation		China RoHS declaration
<hr/>		
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
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Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

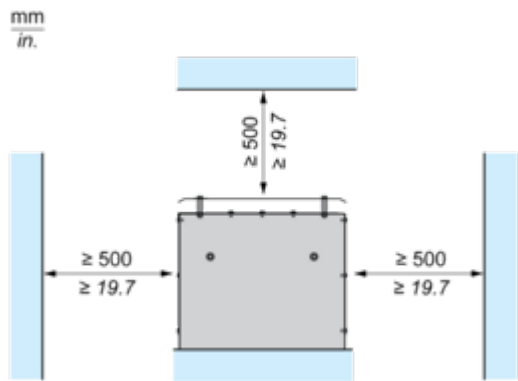
A	B	C	A1	C1	A2	C2	Ø
330	445	485	310	380	450	540	9 x 12

Dimensions in in.

A	B	C	A1	C1	A2	C2	Ø
12.99	17.52	19.09	12.20	14.96	17.71	21.26	0.35 x 0.47

Mounting and Clearance

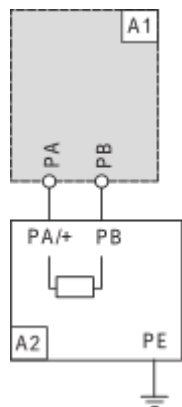
Clearances



Connections and Schema

Recommended Schema

1 Braking Resistor

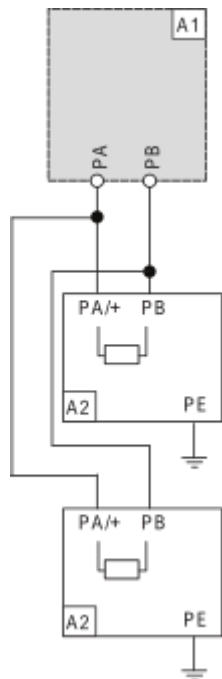


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC