

Product data sheet

Specifications



braking resistor, Altivar, 5Ohms, 1.9kW, IP23

VW3A7736

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

Price*: 1,222.93 USD

Main

Range Compatibility	Altivar Machine ATV320 Altivar Process ATV900 Altivar Machine ATV340
Product Or Component Type	Braking resistor
Ohmic Value	5 Ohm
[Ue] Rated Operational Voltage	24 V DC 250 V AC

Complementary

Product Compatibility	Variable speed drive ATV930 wall mount 75 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 90 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 18.5 kW 200...240 V light cycle Variable speed drive ATV930 wall mount 22 kW 200...240 V light cycle Variable speed drive ATV950 wall mount 75 kW 380...480 V light cycle Variable speed drive ATV950 wall mount 90 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 18.5 kW 200...240 V medium cycle Variable speed drive ATV930 wall mount 22 kW 200...240 V medium cycle Variable speed drive ATV340 55 kW 380...480 V light cycle Variable speed drive ATV340 75 kW 380...480 V light cycle Variable speed drive ATV320 15 kW 200...240 V Variable speed drive ATV930 75 kW 500...690 V light cycle Variable speed drive ATV930 90 kW 500...690 V light cycle Variable speed drive ATV930 100 hp 600 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 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	1.9 kW 122 °F (50 °C)
Electrical Connection	terminal <= 2.5 mm² / AWG 12 temperature control switch M10 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	17.72 in (450 mm)
Net Weight	39.68 lb(US) (18 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)

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

Ordering and shipping details

Category	US1CP4E22209
Discount Schedule	CP4E
Gtin	3606480802300
Returnability	No
Country Of Origin	DE

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	17.72 in (45.000 cm)
Package 1 Weight	68.34 lb(US) (31.000 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-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 >](#)

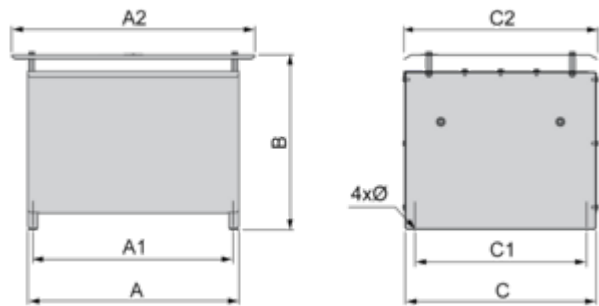
Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	
China Rohs Regulation	China RoHS declaration	
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	

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

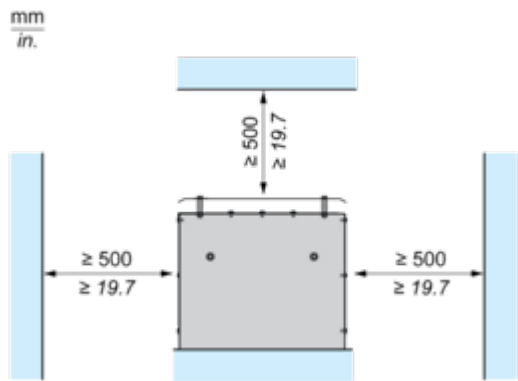
A	B	C	A1	C1	A2	C2	Ø
330	485	485	310	380	450	540	9 x 12

Dimensions in in.

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

Mounting and Clearance

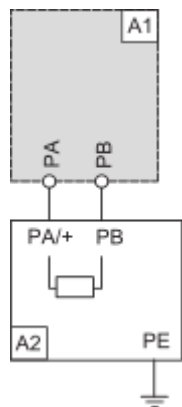
Clearances



Connections and Schema

Recommended Schema

1 Braking Resistor

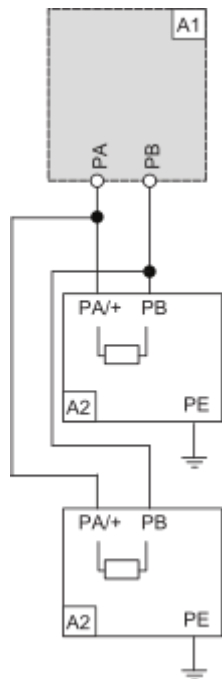


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC