

Product data sheet

Specifications



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

VW3A7736

Product availability : Stock - Normally stocked in distribution facility

Price* : 525.57 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 mm ² / 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)

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

Ambient air temperature for operation 32...122 °F (0...50 °C)

Ordering and shipping details

Category 22209-ATV650

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 17.72 in (45.0 cm)

Package 1 Width 19.09 in (48.5 cm)

Package 1 Length 21.26 in (54.0 cm)

Package 1 Weight 68.34 lb(US) (31.0 kg)

Offer Sustainability

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

REACH Regulation [REACH Declaration](#)

REACH free of SVHC Yes

EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope)
[EU RoHS Declaration](#)

Toxic heavy metal free Yes

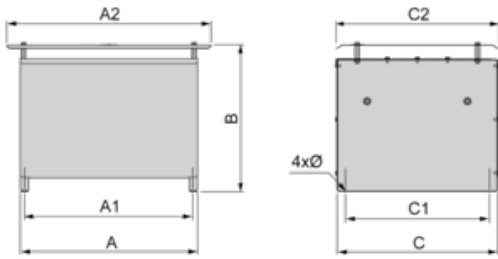
Mercury free Yes

China RoHS Regulation [China RoHS declaration](#)

RoHS exemption information Yes

Dimensions

Right Side and Front View



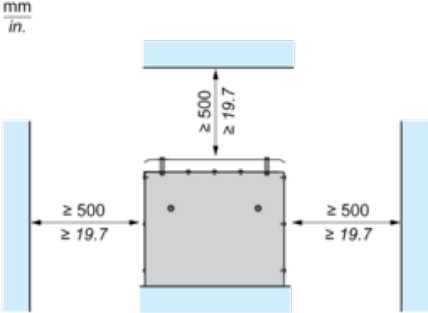
Dimensions in mm

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

Dimensions in in.

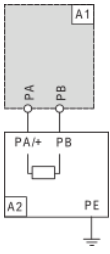
A	B	C	A1	C1	A2	C2	Ø
12.99	19.09	19.09	12.20	14.96	17.71	21.26	0.35 x 0.47

Clearances



Recommended Schema

1 Braking Resistor

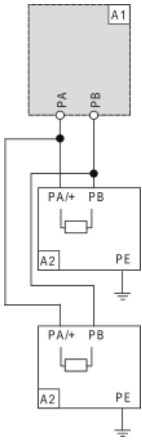


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

Recommended replacement(s)