

Product data sheet

Specifications



braking resistor, Altivar, 2.5Ohms, 11kW, IP23

VW3A7747

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

Price*: 2,476.80 USD

Main

Range Compatibility	Altivar Process ATV900
Product Or Component Type	Braking resistor
Ohmic Value	2.5 Ohm
[Ue] Rated Operational Voltage	24 V DC 250 V AC

Complementary

Product Compatibility	Variable speed drive ATV930 wall mount 110 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 132 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 160 kW 380...480 V medium 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	11 kW 122 °F (50 °C)
Electrical Connection	terminal <= 2.5 mm ² / 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	41.73 in (1060 mm)
Net Weight	106.92 lb(US) (48.5 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	3606480802409
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.

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	19.09 in (48.5 cm)
Package 1 Width	21.26 in (54.0 cm)
Package 1 Length	41.73 in (106.0 cm)
Package 1 Weight	163.14 lb(US) (74.0 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](#)

Reach Regulation [REACH Declaration](#)

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

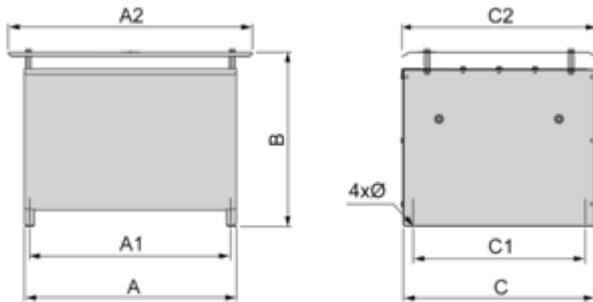
China Rohs Regulation [China RoHS declaration](#)

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

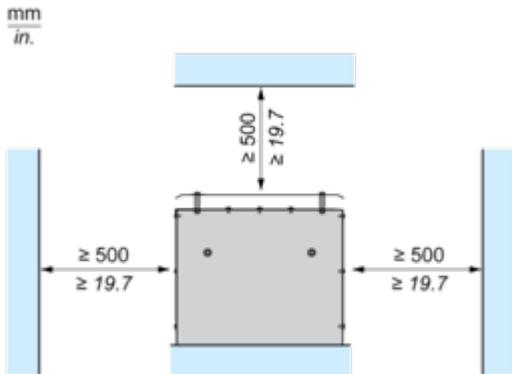
A	B	C	A1	C1	A2	C2	Ø
940	485	485	920	380	1060	540	9 x 12

Dimensions in in.

A	B	C	A1	C1	A2	C2	Ø
37.00	19.09	19.09	36.22	14.96	41.73	21.26	0.35 x 0.47

Mounting and Clearance

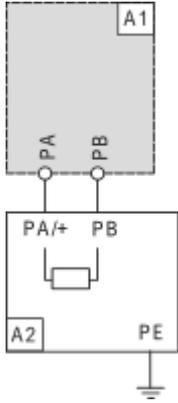
Clearances



Connections and Schema

Recommended Schema

1 Braking Resistor

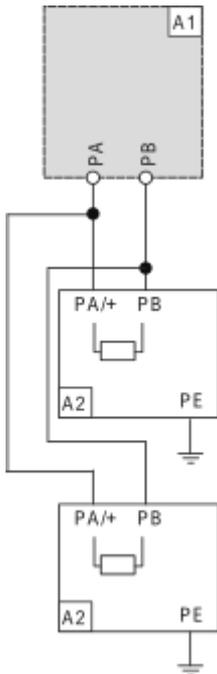


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC