

Product datasheet

Specifications



braking resistor - 8 ohms - 3.8 kW - IP23

VW3A7745

Price: 37,461.46 ZAR

Main

Range Compatibility	Altivar Machine ATV340 Altivar Process ATV900
Product Or Component Type	Braking resistor
Ohmic Value	8 Ohm
[Ue] Rated Operational Voltage	24 V DC 250 V AC

Complementary

Product Compatibility	Variable speed drive ATV930 wall mount 55 kW 380...480 V medium cycle Variable speed drive ATV950 wall mount 55 kW 380...480 V medium cycle Variable speed drive ATV340 45 kW 380...480 V medium cycle Variable speed drive ATV930 45 kW 500...690 V medium cycle Variable speed drive ATV930 55 kW 500...690 V medium cycle Variable speed drive ATV930 60 hp 600 V medium cycle Variable speed drive ATV930 75 hp 600 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	3.8 kW at 50 °C
Electrical Connection	terminal, connection capacity: <= 2.5 mm² / AWG 12 for temperature control switch M8 bar wire for drive
Protection Type	Thermal protection via drive or temperature control switch at 120 °C
Width	540 mm
Height	485 mm
Depth	650 mm
Net Weight	25.5 kg

Environment

Ip Degree Of Protection	IP23
Ambient Air Temperature For Storage	-25...70 °C
Ambient Air Temperature For Operation	0...50 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	58.000 cm
Package 1 Width	58.000 cm
Package 1 Length	69.500 cm

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Package 1 Weight	24.500 kg
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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 >](#)

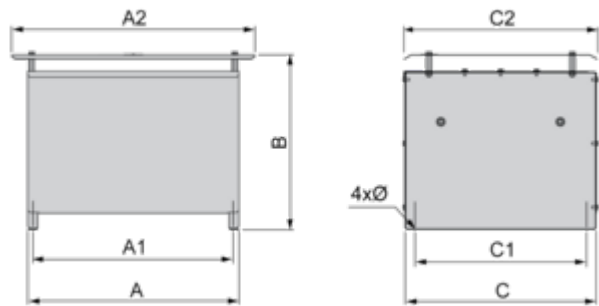
Well-being performance

	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

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

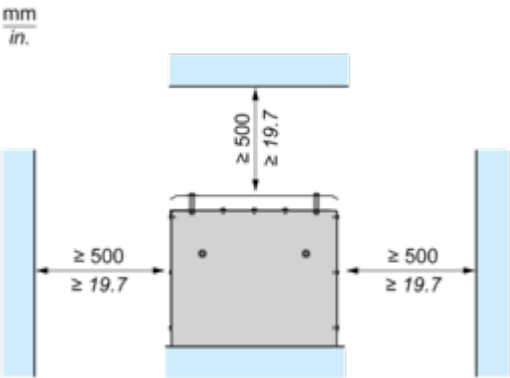
A	B	C	A1	C1	A2	C2	Ø
530	485	485	510	380	650	540	9 x 12

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

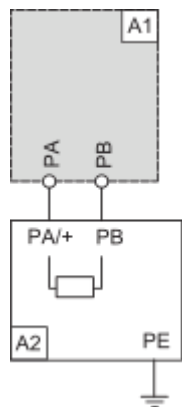
Clearances



Connections and Schema

Recommended Schema

1 Braking Resistor

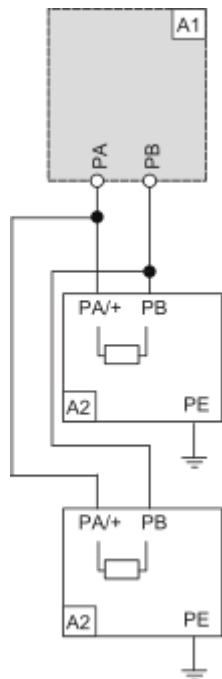


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC