

Product datasheet

Specifications



braking resistor - 16 ohms - 2.2 kW - IP20

VW3A7743

Price: 17,877.25 ZAR

Main

Range Compatibility	Altivar Machine ATV340 Altivar Process ATV900 Easy Altivar 310
Product Or Component Type	Braking resistor
Ohmic Value	16 Ohm
[Ue] Rated Operational Voltage	24 V DC 250 V AC

Complementary

Product Compatibility	Variable speed drive ATV930 wall mount 18.5 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 22 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 30 kW 380...480 V medium cycle Variable speed drive ATV950 wall mount 18.5 kW 380...480 V medium cycle Variable speed drive ATV950 wall mount 22 kW 380...480 V medium cycle Variable speed drive ATV950 wall mount 30 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 5.5 kW 200...240 V severe cycle Variable speed drive ATV340 15 kW 380...480 V medium cycle Variable speed drive ATV340 18 kW 380...480 V medium cycle Variable speed drive ATV340 22 kW 380...480 V medium cycle Variable speed drive ATV930 22 kW 500...690 V medium cycle Variable speed drive ATV930 30 kW 500...690 V medium cycle Variable speed drive ATV930 37 kW 500...690 V medium cycle Variable speed drive ATV930 32 hp 600 V medium cycle Variable speed drive ATV930 40 hp 600 V medium cycle Variable speed drive ATV930 50 hp 600 V medium cycle
Duty Cycle	Severe cycle (heavy duty) <54 s braking with 100 % braking torque for a 120 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 Severe cycle (heavy duty) <6 s braking with 165 % braking torque for a 120 s cycle
Average Power Available	1.9 kW at 50 °C
Electrical Connection	terminal, connection capacity: <= 10 mm² / AWG 8 for drive terminal, connection capacity: <= 2.5 mm² / AWG 12 for temperature control switch
Protection Type	Thermal protection via drive or temperature control switch at 120 °C
Width	290 mm
Height	570 mm
Depth	180 mm
Net Weight	6.4 kg

Environment

Ip Degree Of Protection	IP20
Ambient Air Temperature For Storage	-25...70 °C
Ambient Air Temperature For Operation	0...50 °C

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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	25.500 cm
Package 1 Width	58.000 cm
Package 1 Length	30.500 cm
Package 1 Weight	7.211 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	4
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	37.632 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 >](#)

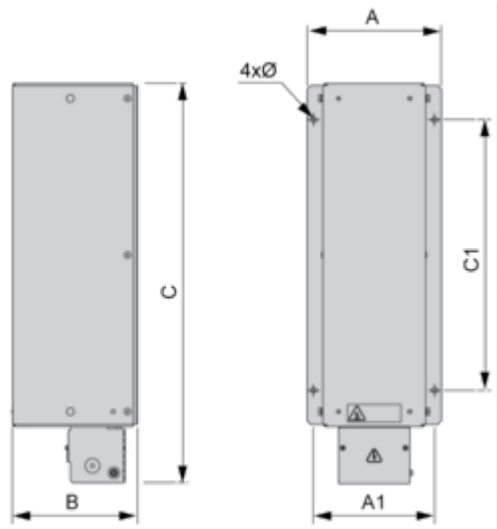
Well-being performance

	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

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

A	B	C	A1	C1	Ø
290	180	570	270	380	6.6 x 9

Dimensions in in.

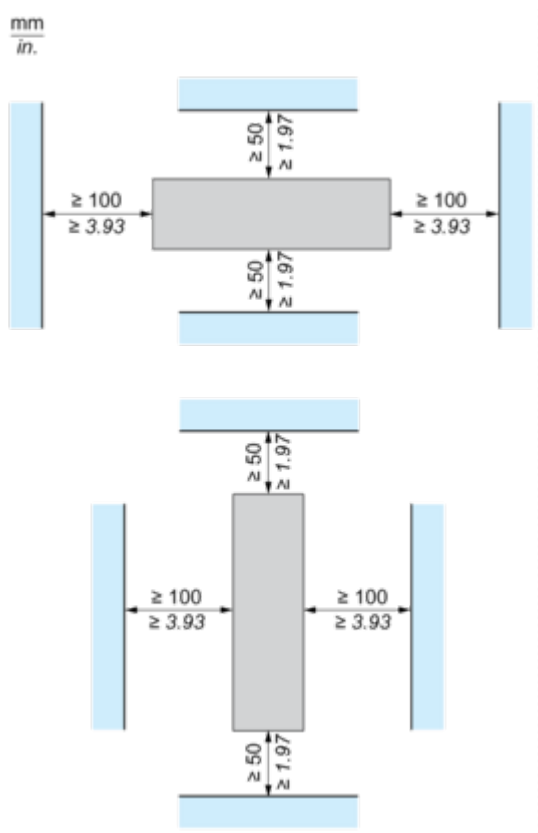
A	B	C	A1	C1	Ø
11.42	7.09	22.44	10.63	14.96	0.26 x 0.35

Mounting and Clearance

Mounting and Clearance



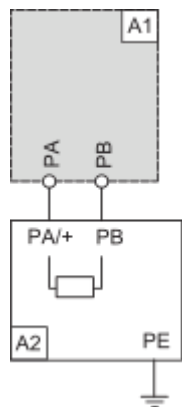
(1) Braking resistor



Connections and Schema

Recommended Schema

1 Braking Resistor

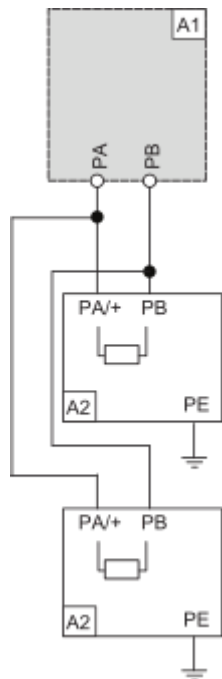


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC