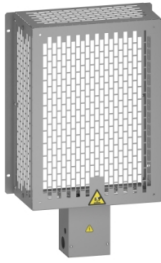


Product datasheet

Specifications



braking resistor - 10 ohms - 2.9 kW - IP20

VW3A7744

Price: 20,111.45 ZAR

Main

Range Compatibility	Altivar Machine ATV340 Altivar Process ATV900
Product Or Component Type	Braking resistor
Ohmic Value	10 Ohm
[Ue] Rated Operational Voltage	24 V DC 250 V AC

Complementary

Product Compatibility	Variable speed drive ATV930 wall mount 37 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 45 kW 380...480 V medium cycle Variable speed drive ATV950 wall mount 37 kW 380...480 V medium cycle Variable speed drive ATV950 wall mount 45 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 11 kW 200...240 V severe cycle Variable speed drive ATV340 30 kW 380...480 V medium cycle Variable speed drive ATV340 37 kW 380...480 V medium cycle
Duty Cycle	Severe cycle (heavy duty) <4 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	2.9 kW at 50 °C
Electrical Connection	terminal, connection capacity: <= 35 mm ² / AWG 3 for drive terminal, connection capacity: <= 4 mm ² / AWG 10 for temperature control switch
Protection Type	Thermal protection via drive or temperature control switch at 120 °C
Width	390 mm
Height	640 mm
Depth	180 mm
Net Weight	9 kg

Environment

Ip Degree Of Protection	IP20
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	26.000 cm

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

Package 1 Width	40.000 cm
Package 1 Length	65.000 cm
Package 1 Weight	10.500 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	2
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	29.500 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](#)

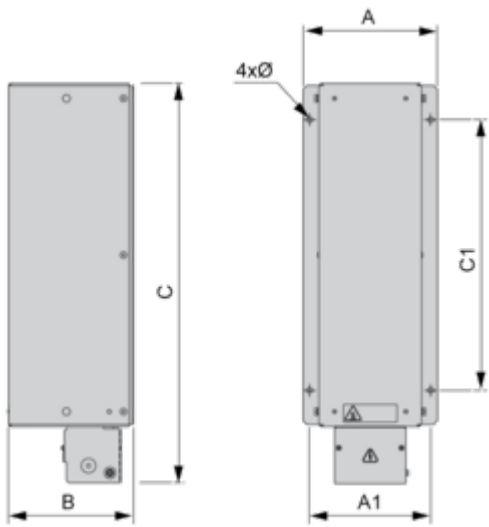
Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

A	B	C	A1	C1	Ø
390	180	640	370	380	6.6 x 9

Dimensions in in.

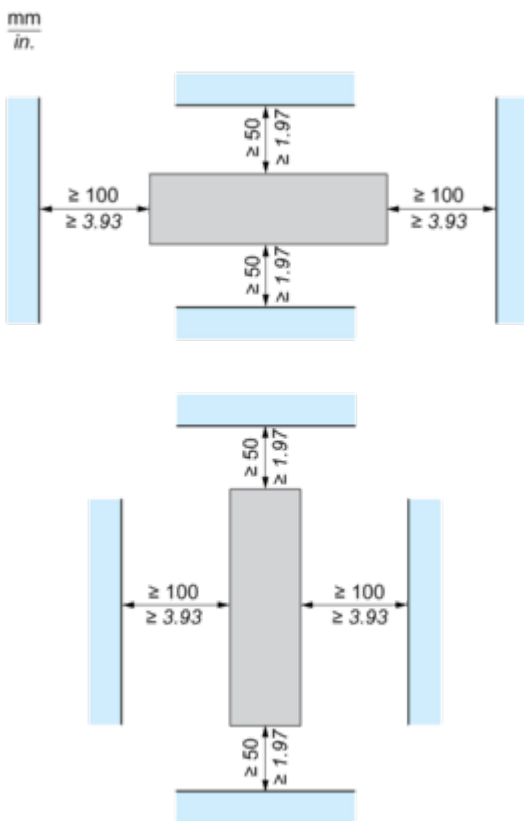
A	B	C	A1	C1	Ø
15.35	7.09	25.20	14.57	14.96	0.26 x 0.35

Mounting and Clearance

Mounting and Clearance



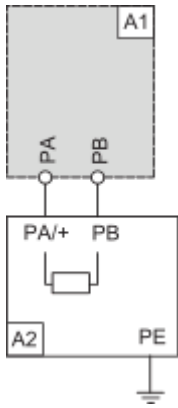
(1) Braking resistor



Connections and Schema

Recommended Schema

1 Braking Resistor

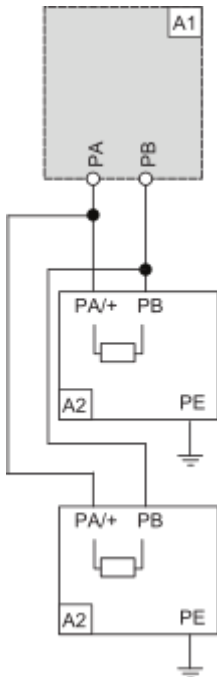


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC