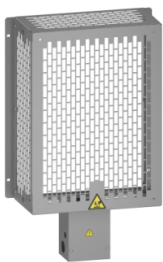


Product datasheet

Specifications



braking resistor - 10 ohms - 3.4 kW - IP20

VW3A7744

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) <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	2.9 kW at 50 °C
Electrical connection	terminal, connection capacity: <= 35 mm² / AWG 3 for drive terminal, connection capacity: <= 4 mm² / 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

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 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 >](#)

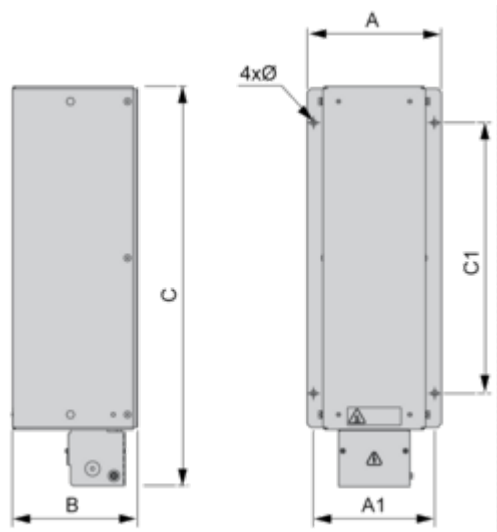
Well-being performance

	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.

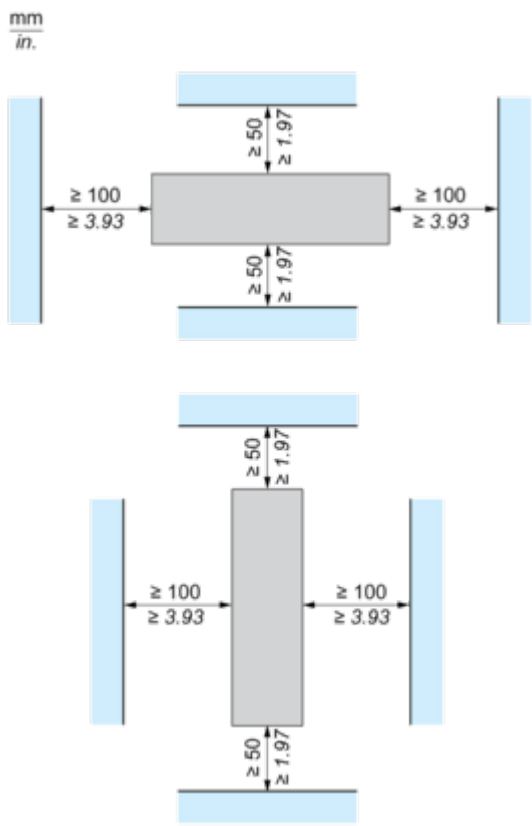
A	B	C	A1	C1	Ø
15.35	7.09	25.20	14.57	14.96	0.26 x 0.35

Mounting and Clearance

Mounting and Clearance



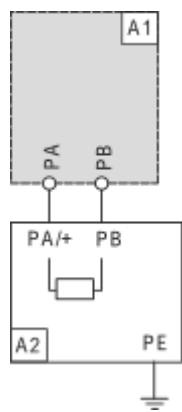
(1) Braking resistor



Connections and Schema

Recommended Schema

1 Braking Resistor

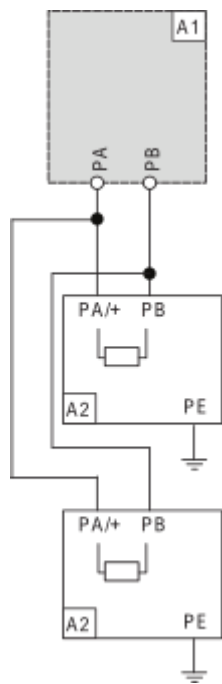


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC