

Product datasheet

Specifications



braking resistor - 16 ohms - 1.1 kW - IP20

VW3A7733

⚠ To be discontinued

Main

Range Compatibility	Altivar Machine ATV320 Altivar Process ATV900 Altivar Machine ATV340
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 light cycle Variable speed drive ATV930 wall mount 22 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 30 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 5.5 kW 200...240 V light cycle Variable speed drive ATV930 wall mount 7.5 kW 200...240 V light cycle Variable speed drive ATV950 wall mount 18.5 kW 380...480 V light cycle Variable speed drive ATV950 wall mount 22 kW 380...480 V light cycle Variable speed drive ATV950 wall mount 30 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 5.5 kW 200...240 V medium cycle Variable speed drive ATV930 wall mount 7.5 kW 200...240 V medium cycle Variable speed drive ATV340 15 kW 380...480 V light cycle Variable speed drive ATV340 18 kW 380...480 V light cycle Variable speed drive ATV340 22 kW 380...480 V light cycle Variable speed drive ATV320 4 kW 200...240 V Variable speed drive ATV320 5.5 kW 200...240 V Variable speed drive ATV320 15 kW 380...480 V Variable speed drive ATV930 22 kW 500...690 V light cycle Variable speed drive ATV930 30 kW 500...690 V light cycle Variable speed drive ATV930 37 kW 500...690 V light cycle Variable speed drive ATV930 30 hp 600 V light cycle Variable speed drive ATV930 40 hp 600 V light cycle Variable speed drive ATV930 50 hp 600 V light cycle
Duty Cycle	Light cycle (heavy duty) <0.8 s braking with 150 % braking torque for a 40 s cycle Light cycle (normal duty) <0.8 s braking with 120 % braking torque for a 40 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
Average Power Available	1.1 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	190 mm
Height	570 mm
Depth	180 mm
Net Weight	3.8 kg

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

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	20.600 cm
Package 1 Width	25.200 cm
Package 1 Length	58.200 cm
Package 1 Weight	4.434 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	8
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	44.164 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.

[Learn more >](#)

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

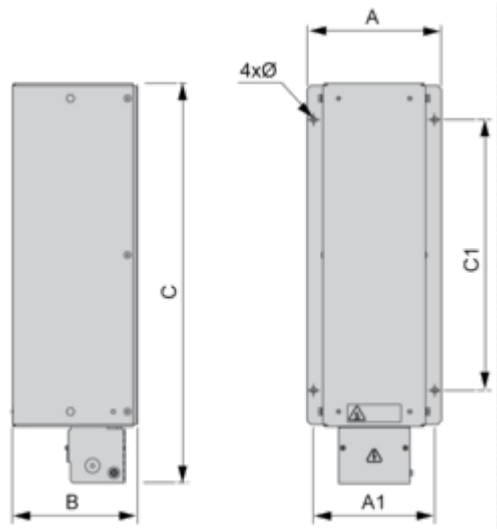
Product datasheet

VW3A7733

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

A	B	C	A1	C1	Ø
190	180	570	170	380	6.6 x 9

Dimensions in in.

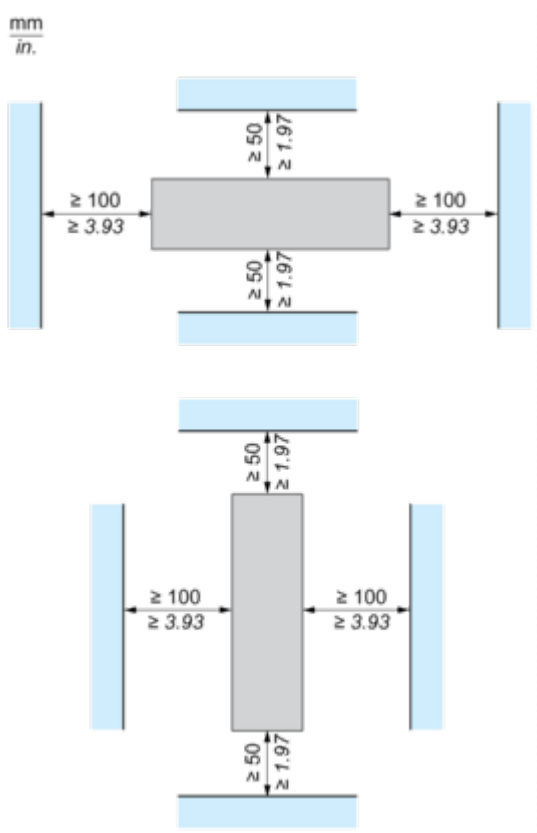
A	B	C	A1	C1	Ø
7.48	7.09	22.44	6.69	14.96	0.26 x 0.35

Mounting and Clearance

Mounting and Clearance

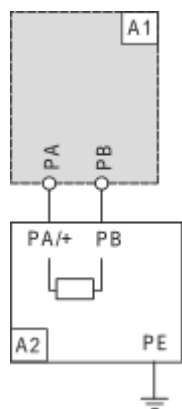


(1) Braking resistor



Recommended Schema

1 Braking Resistor

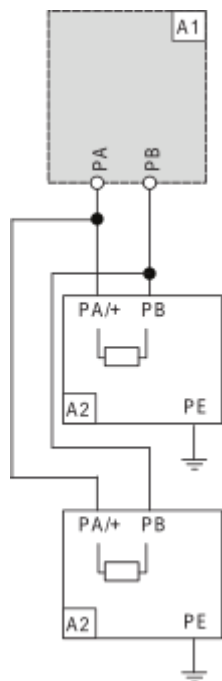


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC