Product data sheet

Specifications



braking resistor, Altivar, 16Ohms, 1.1kW, IP20

VW3A7733

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Altivar
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 122 °F (50 °C)
Electrical connection	terminal <= 10 mm² / 8 AWG drive terminal <= 2.5 mm² / 12 AWG temperature control switch
Protection type	Thermal protection via drive or temperature control switch 120 °C
Width	7.5 in (190 mm)
Height	22.4 in (570 mm)
Depth	7.09 in (180 mm)
Net Weight	8.4 lb(US) (3.8 kg)

Environment

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

IP Degree of Protection	IP20
Ambient Air Temperature for Storage	-13…158 °F (-25…70 °C)
Ambient Air Temperature for Operation	32…122 °F (0…50 °C)
Product Certifications	UL CE EAC UKCA RoHS

Ordering and shipping details

Category	US1CP4E22209
Discount Schedule	CP4E
GTIN	3606480802270
Returnability	Yes
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	8.110 in (20.600 cm)
Package 1 Width	9.921 in (25.200 cm)
Package 1 Length	22.913 in (58.200 cm)
Package weight(Lbs)	9.775 lb(US) (4.434 kg)
Unit Type of Package 2	P06
Number of Units in Package 2	8
Package 2 Height	29.528 in (75.000 cm)
Package 2 Width	23.622 in (60.000 cm)
Package 2 Length	31.496 in (80.000 cm)
Package 2 Weight	97.365 lb(US) (44.164 kg)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACh Regulation	Free of Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

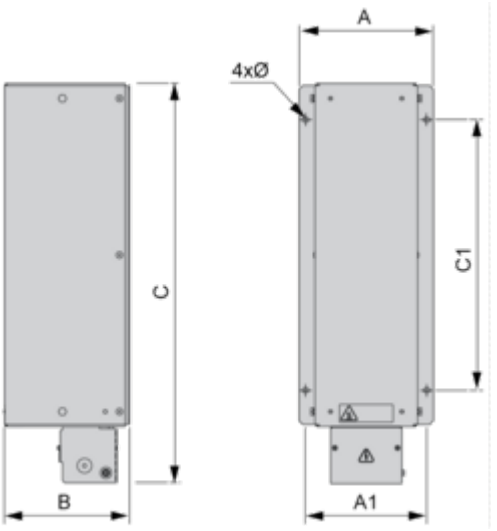
Repack and remanufacture

Take-back	No

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

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

Dimensions in in.

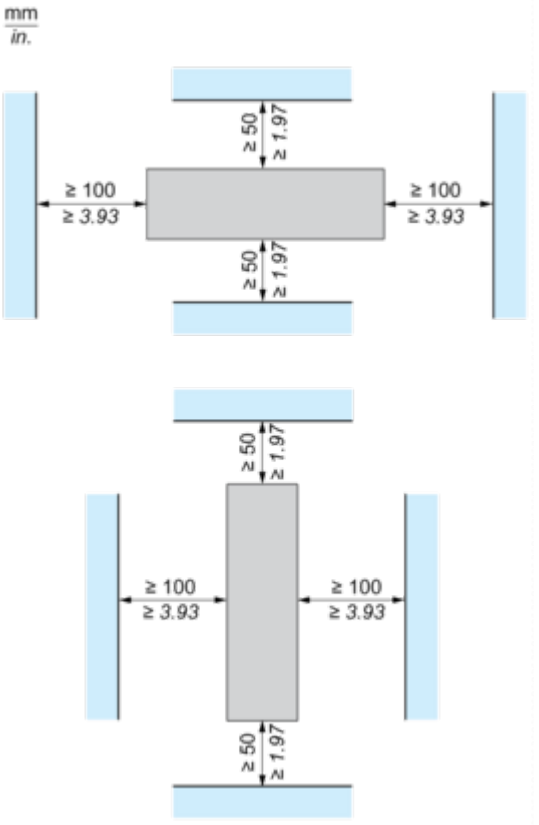
A	B	C	A1	C1	∅
7.48	7.09	22.44	6.69	14.96	0.26 x 0.35

Mounting and Clearance

Mounting and Clearance



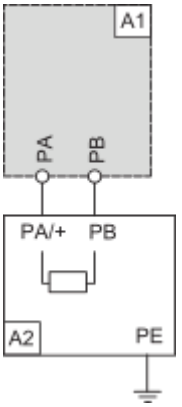
(1) Braking resistor



Connections and Schema

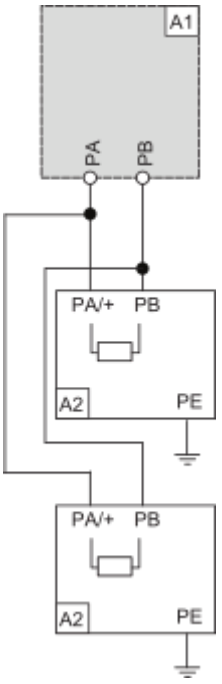
Recommended Schema

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