

Product datasheet

Specifications



braking resistor - 16 ohms - 1.1 kW - IP20

VW3A7733

Price: 6,786.71 ZAR

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 at 50 °C
Electrical connection	terminal, connection capacity: <= 10 mm ² / AWG 8 for drive terminal, connection capacity: <= 2.5 mm ² / 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

Environment

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

IP degree of protection	IP20
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Ambient air temperature for storage	-25...70 °C
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Ambient air temperature for operation	0...50 °C
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	20.600 cm
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Package 1 Width	25.200 cm
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Package 1 Length	58.200 cm
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Package 1 Weight	4.434 kg
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Unit Type of Package 2	P06
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Number of Units in Package 2	8
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Package 2 Height	75.000 cm
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Package 2 Width	60.000 cm
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Package 2 Length	80.000 cm
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Package 2 Weight	44.164 kg
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Contractual warranty

Warranty (in months)	18
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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](#)

Pro-active compliance (Product out of EU RoHS legal scope)

REACH Regulation

[REACH Declaration](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

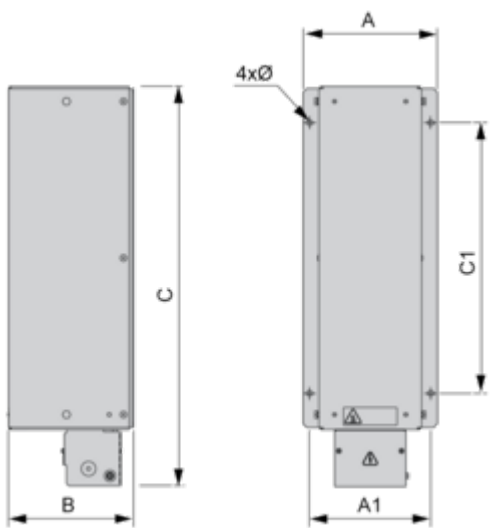
Take-back

No

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.

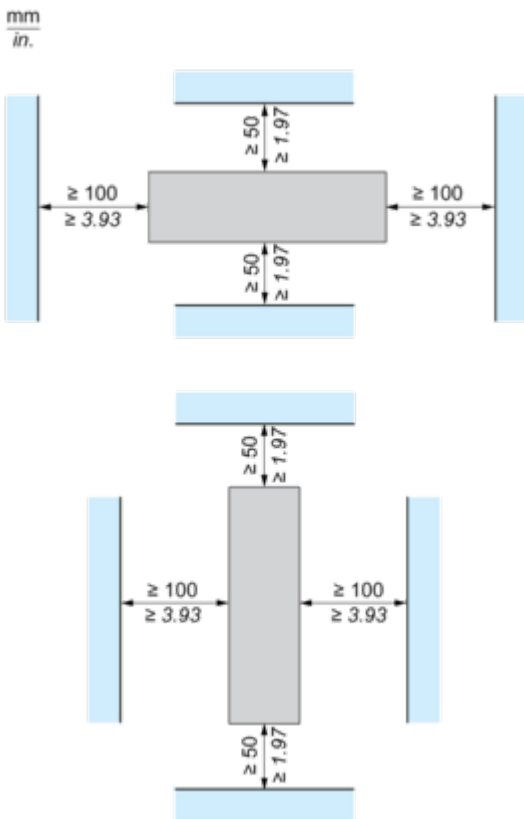
A	B	C	A1	C1	Ø
7.48	7.09	22.44	6.69	14.96	0.26 x 0.35

Mounting and Clearance

Mounting and Clearance



(1) Braking resistor



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