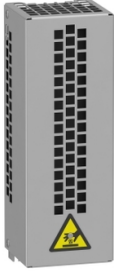


Product datasheet

Specifications



braking resistor - 100 ohms - 0.1 kW
- IP20

VW3A7730

Price: 1,893.94 ZAR

Main

Range of product	Altivar
Range compatibility	Altivar Process ATV900 Altivar Machine ATV340 Altivar Machine ATV320 Easy Altivar 310 Easy Altivar 310L
Product or component type	Braking resistor
Ohmic value	100 Ohm

Complementary

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

Product compatibility	<p>Variable speed drive ATV930 wall mount 0.75 kW 380...480 V light cycle</p> <p>Variable speed drive ATV930 wall mount 1.5 kW 380...480 V light cycle</p> <p>Variable speed drive ATV930 wall mount 2.2 kW 380...480 V light cycle</p> <p>Variable speed drive ATV930 wall mount 3 kW 380...480 V light cycle</p> <p>Variable speed drive ATV930 wall mount 4 kW 380...480 V light cycle</p> <p>Variable speed drive ATV930 wall mount 0.75 kW 200...240 V light cycle</p> <p>Variable speed drive ATV950 wall mount 0.75 kW 380...480 V light cycle</p> <p>Variable speed drive ATV950 wall mount 1.5 kW 380...480 V light cycle</p> <p>Variable speed drive ATV950 wall mount 2.2 kW 380...480 V light cycle</p> <p>Variable speed drive ATV950 wall mount 3 kW 380...480 V light cycle</p> <p>Variable speed drive ATV950 wall mount 4 kW 380...480 V light cycle</p> <p>Variable speed drive ATV930 wall mount 0.75 kW 380...480 V medium cycle</p> <p>Variable speed drive ATV930 wall mount 1.5 kW 380...480 V medium cycle</p> <p>Variable speed drive ATV930 wall mount 0.75 kW 200...240 V medium cycle</p> <p>Variable speed drive ATV950 wall mount 0.75 kW 380...480 V medium cycle</p> <p>Variable speed drive ATV950 wall mount 1.5 kW 380...480 V medium cycle</p> <p>Variable speed drive ATV340 0.75 kW 380...480 V light cycle</p> <p>Variable speed drive ATV340 1.5 kW 380...480 V light cycle</p> <p>Variable speed drive ATV340 2.2 kW 380...480 V light cycle</p> <p>Variable speed drive ATV340 3 kW 380...480 V light cycle</p> <p>Variable speed drive ATV340 0.75 kW 380...480 V medium cycle</p> <p>Variable speed drive ATV320 0.18 kW 200...240 V</p> <p>Variable speed drive ATV320 0.37 kW 200...240 V</p> <p>Variable speed drive ATV320 0.37 kW 380...480 V</p> <p>Variable speed drive ATV320 0.55 kW 380...480 V</p> <p>Variable speed drive ATV320 0.75 kW 380...480 V</p> <p>Variable speed drive ATV320 1.1 kW 380...480 V</p> <p>Variable speed drive ATV320 1.5 kW 380...480 V</p> <p>Variable speed drive ATV320 2.2 kW 380...480 V</p> <p>Variable speed drive ATV320 3 kW 380...480 V</p> <p>Variable speed drive ATV310 1.5 kW</p> <p>Variable speed drive ATV310 2.2 kW</p> <p>Variable speed drive ATV310 3 kW</p> <p>Variable speed drive ATV310 4 kW</p> <p>Variable speed drive ATV930 2.2 kW 500...690 V light cycle</p> <p>Variable speed drive ATV930 3 kW 500...690 V light cycle</p> <p>Variable speed drive ATV930 4 kW 500...690 V light cycle</p> <p>Variable speed drive ATV930 5.5 kW 500...690 V light cycle</p> <p>Variable speed drive ATV930 3 hp 600 V light cycle</p> <p>Variable speed drive ATV930 5 hp 600 V light cycle</p> <p>Variable speed drive ATV930 7.5 hp 600 V light cycle</p> <p>Variable speed drive ATV930 2.2 kW 500...690 V medium cycle</p> <p>Variable speed drive ATV930 3 kW 500...690 V medium cycle</p> <p>Variable speed drive ATV930 3 hp 600 V medium cycle</p> <p>Variable speed drive ATV320 0.75 kW 525...600 V</p> <p>Variable speed drive ATV320 1.5 kW 525...600 V</p> <p>Variable speed drive ATV320 2.2 kW 525...600 V</p> <p>Variable speed drive ATV320 4 kW 525...600 V</p> <p>Variable speed drive ATV310L 0.75 kW</p> <p>Variable speed drive ATV310L 1.5 kW</p> <p>Variable speed drive ATV310L 2.2 kW</p> <p>Variable speed drive ATV310L 3.0 kW</p> <p>Variable speed drive ATV310L 4.0 kW</p> <p>Variable speed drive ATV310L 5.5 kW</p>
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Duty cycle	<p>Light cycle (heavy duty) <0.8 s braking with 150 % braking torque for a 40 s cycle</p> <p>Light cycle (normal duty) <0.8 s braking with 120 % braking torque for a 40 s cycle</p> <p>Medium cycle (normal duty) <4 s braking with 135 % braking torque for a 40 s cycle</p> <p>Medium cycle (heavy duty) <4 s braking with 165 % braking torque for a 40 s cycle</p>
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Average power available	0.1 kW at 50 °C
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Electrical connection	terminal, connection capacity: <= 10 mm ² / AWG 8 for drive
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Protection type	Thermal protection via drive
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Width	105 mm
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Height	295 mm
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Depth	100 mm
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Net weight	1.5 kg
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Environment

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

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	11.500 cm
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Package 1 Width	31.500 cm
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Package 1 Length	17.500 cm
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Package 1 Weight	1.714 kg
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Unit Type of Package 2	P06
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Number of Units in Package 2	33
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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	63.011 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

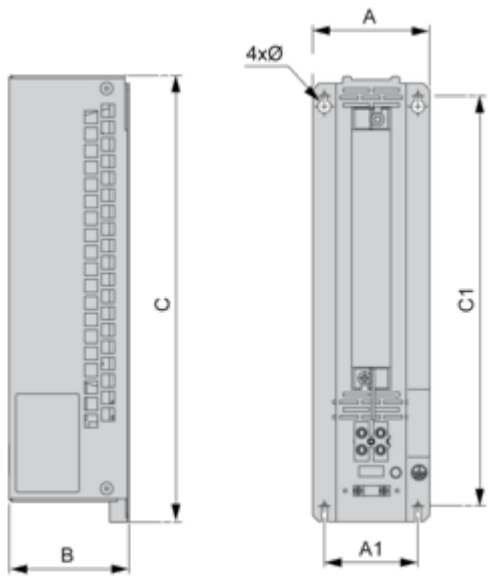
Take-back

No

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

A	B	C	A1	C1	Ø
105	100	295	72	266	4.5

Dimensions in in.

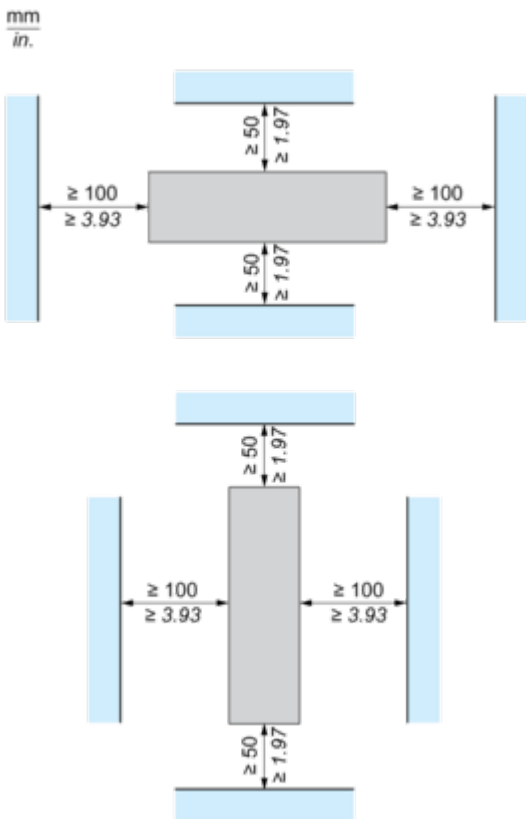
A	B	C	A1	C1	Ø
4.13	3.94	11.61	2.83	10.47	0.18

Mounting and Clearance

Mounting and Clearance



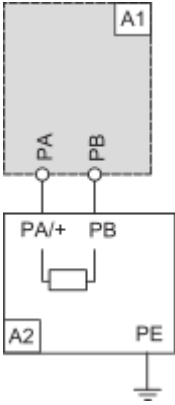
(1) Braking resistor



Connections and Schema

Recommended Schema

1 Braking Resistor

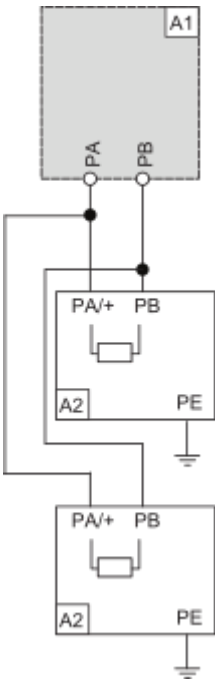


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC