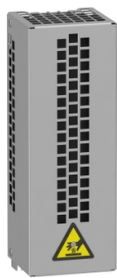


Product data sheet

Specifications



braking resistor, Altivar, 100Ohms, 0.1kW, IP20

VW3A7730

Product availability: Non-Stock - Not normally stocked in distribution facility

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

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

Product compatibility	Variable speed drive ATV930 wall mount 0.75 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 1.5 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 2.2 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 3 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 4 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 0.75 kW 200...240 V light cycle Variable speed drive ATV950 wall mount 0.75 kW 380...480 V light cycle Variable speed drive ATV950 wall mount 1.5 kW 380...480 V light cycle Variable speed drive ATV950 wall mount 2.2 kW 380...480 V light cycle Variable speed drive ATV950 wall mount 3 kW 380...480 V light cycle Variable speed drive ATV950 wall mount 4 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 0.75 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 1.5 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 0.75 kW 200...240 V medium cycle Variable speed drive ATV950 wall mount 0.75 kW 380...480 V medium cycle Variable speed drive ATV950 wall mount 1.5 kW 380...480 V medium cycle Variable speed drive ATV340 0.75 kW 380...480 V light cycle Variable speed drive ATV340 1.5 kW 380...480 V light cycle Variable speed drive ATV340 2.2 kW 380...480 V light cycle Variable speed drive ATV340 3 kW 380...480 V light cycle Variable speed drive ATV340 0.75 kW 380...480 V medium cycle Variable speed drive ATV320 0.18 kW 200...240 V Variable speed drive ATV320 0.37 kW 200...240 V Variable speed drive ATV320 0.37 kW 380...480 V Variable speed drive ATV320 0.55 kW 380...480 V Variable speed drive ATV320 0.75 kW 380...480 V Variable speed drive ATV320 1.1 kW 380...480 V Variable speed drive ATV320 1.5 kW 380...480 V Variable speed drive ATV320 2.2 kW 380...480 V Variable speed drive ATV320 3 kW 380...480 V Variable speed drive ATV310 1.5 kW Variable speed drive ATV310 2.2 kW Variable speed drive ATV310 3 kW Variable speed drive ATV310 4 kW Variable speed drive ATV930 2.2 kW 500...690 V light cycle Variable speed drive ATV930 3 kW 500...690 V light cycle Variable speed drive ATV930 4 kW 500...690 V light cycle Variable speed drive ATV930 5.5 kW 500...690 V light cycle Variable speed drive ATV930 3 hp 600 V light cycle Variable speed drive ATV930 5 hp 600 V light cycle Variable speed drive ATV930 7.5 hp 600 V light cycle Variable speed drive ATV930 2.2 kW 500...690 V medium cycle Variable speed drive ATV930 3 kW 500...690 V medium cycle Variable speed drive ATV930 3 hp 600 V medium cycle Variable speed drive ATV320 0.75 kW 525...600 V Variable speed drive ATV320 1.5 kW 525...600 V Variable speed drive ATV320 2.2 kW 525...600 V Variable speed drive ATV320 4 kW 525...600 V Variable speed drive ATV310L 0.75 kW Variable speed drive ATV310L 1.5 kW Variable speed drive ATV310L 2.2 kW Variable speed drive ATV310L 3.0 kW Variable speed drive ATV310L 4.0 kW Variable speed drive ATV310L 5.5 kW
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	0.1 kW 122 °F (50 °C)
Electrical connection	terminal <= 10 mm² / AWG 8 drive
Protection type	Thermal protection via drive
Width	4.1 in (105 mm)
Height	11.6 in (295 mm)
Depth	3.9 in (100 mm)
Product Weight	3.3 lb(US) (1.5 kg)

Environment

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)

Ordering and shipping details

Category	US1CP4E22209
Discount Schedule	CP4E
GTIN	3606480802249
Returnability	Yes
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.53 in (11.500 cm)
Package 1 Width	12.40 in (31.500 cm)
Package 1 Length	6.89 in (17.500 cm)
Package weight(Lbs)	3.779 lb(US) (1.714 kg)
Unit Type of Package 2	P06
Number of Units in Package 2	33
Package 2 Height	29.53 in (75.000 cm)
Package 2 Width	23.62 in (60.000 cm)
Package 2 Length	31.50 in (80.000 cm)
Package 2 Weight	138.916 lb(US) (63.011 kg)

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)
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

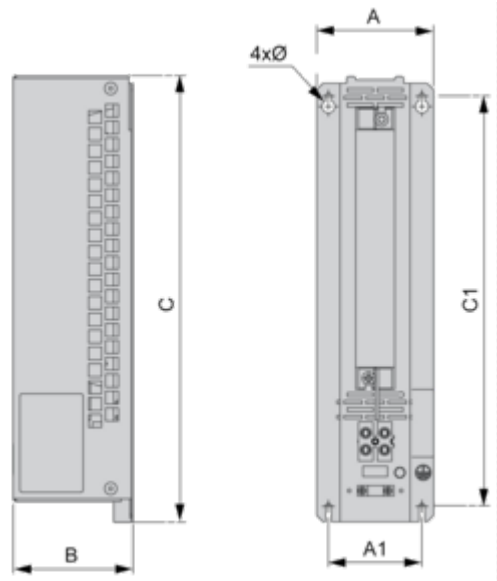
Use Again

 Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

A	B	C	A1	C1	Ø
105	100	295	72	266	4.5

Dimensions in in.

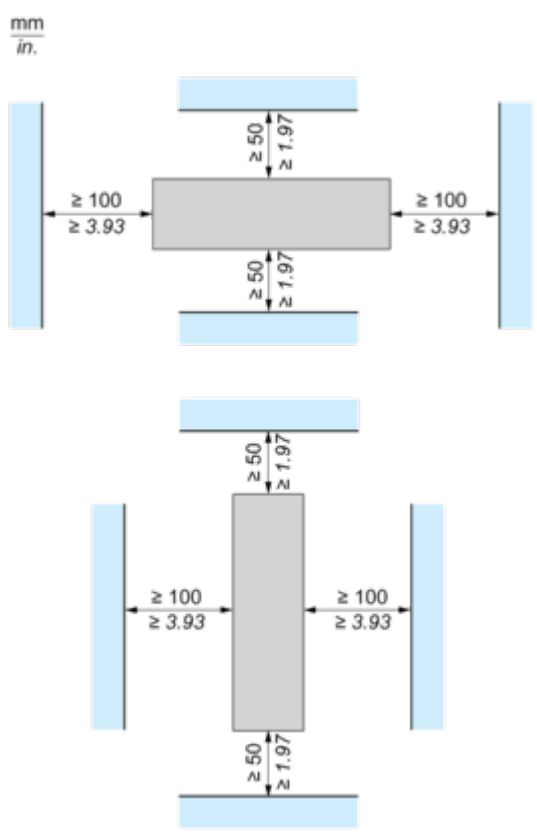
A	B	C	A1	C1	Ø
4.13	3.94	11.61	2.83	10.47	0.18

Mounting and Clearance

Mounting and Clearance



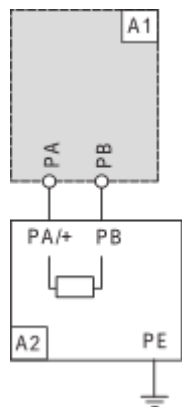
(1) Braking resistor



Connections and Schema

Recommended Schema

1 Braking Resistor

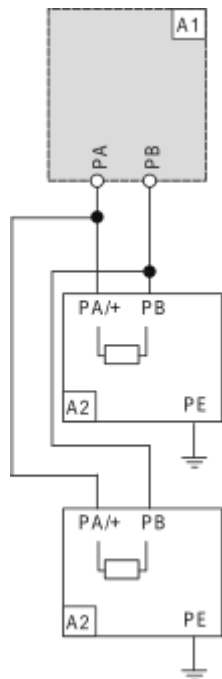


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC