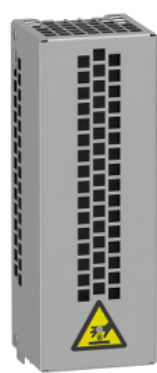


Product datasheet

Specifications



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

VW3A7730

Main

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

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
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	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 at 50 °C
Electrical connection	terminal, connection capacity: <= 10 mm² / AWG 8 for drive
Protection type	Thermal protection via drive
Width	105 mm
Height	295 mm
Depth	100 mm
Net weight	1.5 kg

Environment

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

Packing Units

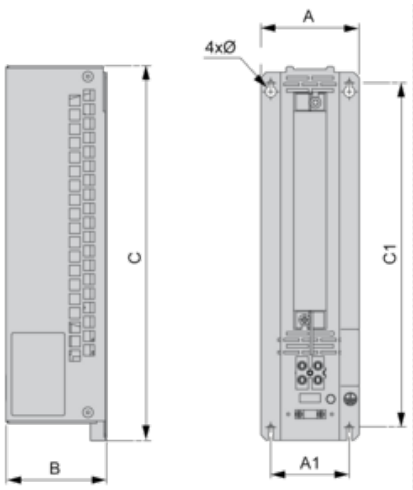
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	31.2 cm
Package 1 Width	16.7 cm
Package 1 Length	12 cm
Package 1 Weight	1.7 kg
Unit Type of Package 2	S04
Number of Units in Package 2	6
Package 2 Height	30 cm
Package 2 Width	40 cm
Package 2 Length	60 cm
Package 2 Weight	10.966 kg

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes

Dimensions

Right Side and Front View



Dimensions in mm

A	B	C	A1	C1	Ø
105	100	295	72	266	4.5

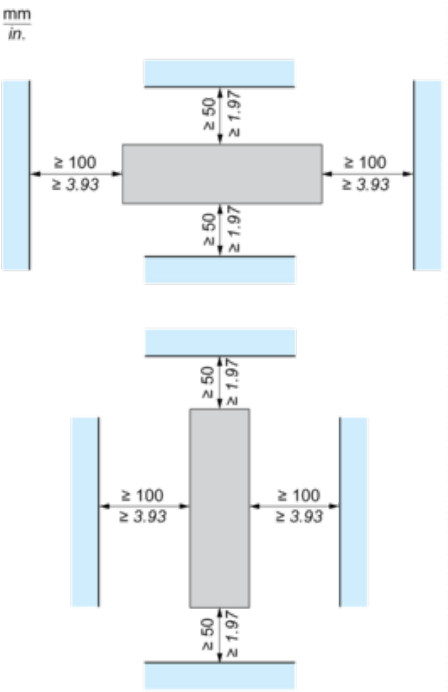
Dimensions in in.

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

Mounting and Clearance

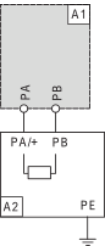


(1) Braking resistor



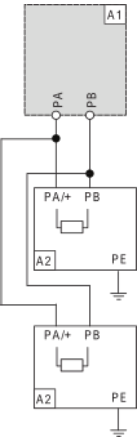
Recommended Schema

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

Recommended replacement(s)