

# Product datasheet

Specifications



braking resistor, Altivar, 1.4Ohms,  
29kW, IP23

VW3A7757

## Main

Range Compatibility	Altivar Process ATV900
Product Or Component Type	Braking resistor
Ohmic Value	1.4 Ohm
[Ue] Rated Operational Voltage	24 V DC 250 V AC

## Complementary

Product Compatibility	Variable speed drive ATV930 wall mount 55 kW 200...240 V severe cycle Variable speed drive ATV930 wall mount 75 kW 200...240 V severe cycle Variable speed drive ATV930 wall mount 220 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 250 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 310 kW 380...480 V medium cycle
Duty Cycle	Severe cycle (heavy duty) <54 s braking with 100 % braking torque for a 120 s cycle Severe cycle (heavy duty) <6 s braking with 165 % braking torque for a 120 s cycle Severe cycle (heavy duty) <6 s braking with 150 % braking torque for a 120 s cycle variable speed drive power = 220 kW Severe cycle (heavy duty) <6 s braking with 150 % braking torque for a 120 s cycle variable speed drive power = 250 kW Severe cycle (heavy duty) <6 s braking with 150 % braking torque for a 120 s cycle variable speed drive power = 315 kW
Average Power Available	29 kW at 50 °C
Electrical Connection	terminal, connection capacity: <= 2.5 mm² / AWG 12 for temperature control switch M12 bar wire for drive
Protection Type	Thermal protection via drive or temperature control switch at 120 °C
Width	540 mm
Height	1285 mm
Depth	1060 mm
Net Weight	121 kg

## Environment

Ip Degree Of Protection	IP23
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	128.5 cm

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

Package 1 Width	54.0 cm
Package 1 Length	106.0 cm
Package 1 Weight	149.0 kg

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

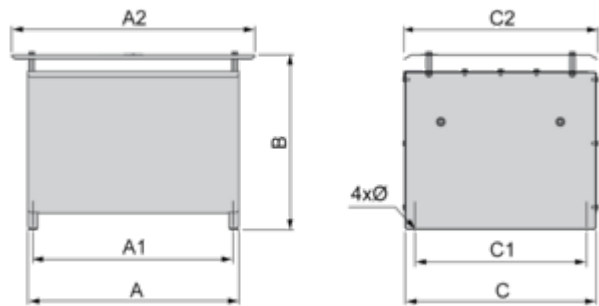
## Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
Reach Regulation		<a href="#">REACH Declaration</a>
Eu Rohs Directive		Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
China Rohs Regulation		<a href="#">China RoHS declaration</a>

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

A	B	C	A1	C1	A2	C2	Ø
940	1285	485	920	380	1060	540	9 x 12

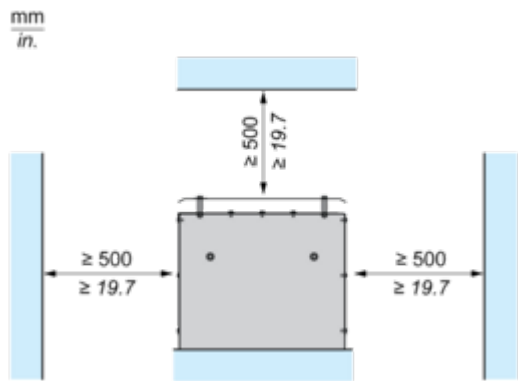
Dimensions in in.

A	B	C	A1	C1	A2	C2	Ø
37.00	50.59	19.09	36.22	14.96	41.73	21.26	0.35 x 0.47

Mounting and Clearance

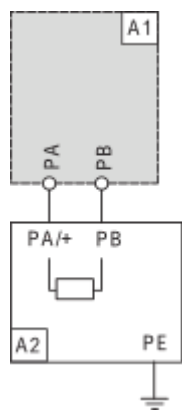
Clearances

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Recommended Schema

1 Braking Resistor

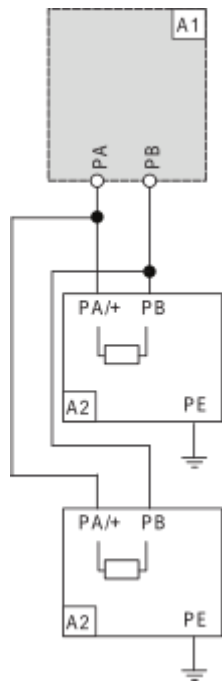


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC