

Product data sheet

Specifications



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

VW3A7757

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Altivar
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) <5 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 122 °F (50 °C)
Electrical connection	terminal <= 2.5 mm ² / AWG 12 temperature control switch M12 bar wire drive
Protection type	Thermal protection via drive or temperature control switch 120 °C
Width	21.3 in (540 mm)
Height	50.6 in (1285 mm)
Depth	41.7 in (1060 mm)
Net Weight	266.8 lb(US) (121 kg)

Environment

IP Degree of Protection	IP23
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

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

GTIN	3606480802492
Returnability	Yes
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	62.99 in (160.000 cm)
Package 1 Width	31.50 in (80.000 cm)
Package 1 Length	47.24 in (120.000 cm)
Package weight(Lbs)	354.945 lb(US) (161.000 kg)



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

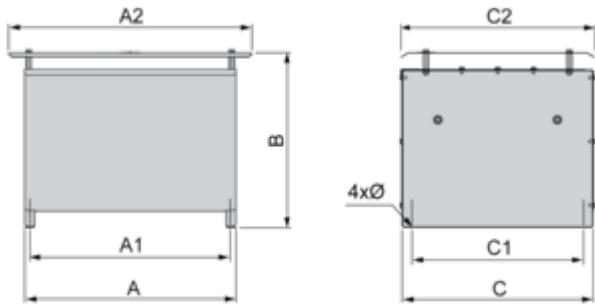
Repack and remanufacture

Take-back	No
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Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

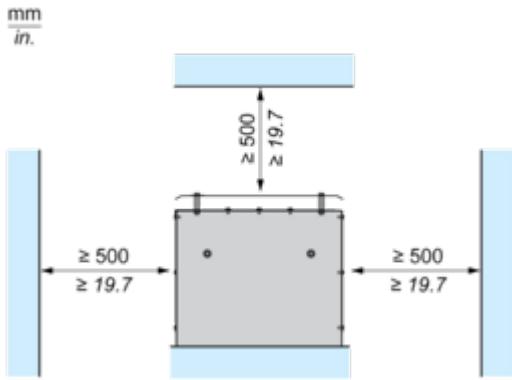
A	B	C	A1	C1	A2	C2	Ø
940	1285	485	920	380	1060	540	9 x 12

Dimensions in in.

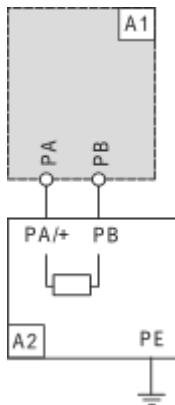
A	B	C	A1	C1	A2	C2	Ø
37.00	50.59	19.09	36.22	14.96	41.73	21.26	0.35 x 0.47

Mounting and Clearance

Clearances



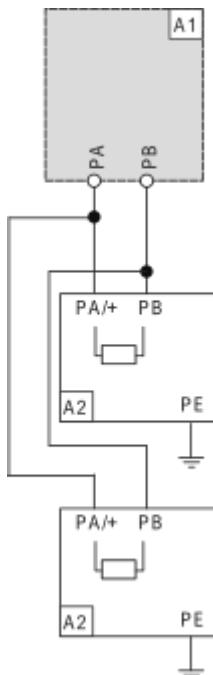
Connections and Schema

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