

Product data sheet

Specifications



braking resistor, Altivar, 8Ohms, 25kW, IP23

VW3A7755

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

Main

Range Compatibility	Altivar Process ATV900 Altivar Machine ATV340
Product or Component Type	Braking resistor
Ohmic value	8 Ohm
[Ue] rated operational voltage	24 V DC 250 V AC

Complementary

Product compatibility	Variable speed drive ATV930 wall mount 55 kW 380...480 V severe cycle Variable speed drive ATV930 wall mount 15 kW 200...240 V severe cycle Variable speed drive ATV950 wall mount 55 kW 380...480 V severe cycle Variable speed drive ATV340 45 kW 380...480 V severe cycle Variable speed drive ATV930 75 kW 500...690 V severe cycle Variable speed drive ATV930 90 kW 500...690 V severe cycle Variable speed drive ATV930 100 hp 600 V severe 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
Average power available	25 kW 122 °F (50 °C)
Electrical connection	terminal <= 2.5 mm² / 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	40.7 in (1035 mm)
Depth	41.7 in (1060 mm)
Product Weight	192.9 lb(US) (87.5 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	US1000I22000
Discount Schedule	000I
GTIN	3606480802478
Returnability	Yes
Country of origin	DE

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

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

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	62.992 in (160.000 cm)
Package 1 Width	31.496 in (80.000 cm)
Package 1 Length	47.244 in (120.000 cm)
Package weight(Lbs)	282.192 lb(US) (128.000 kg)

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	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold
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 Longer

Lifetime extension	
Repair	No

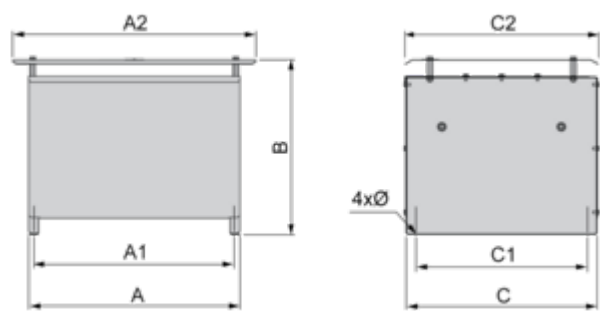
Use Again

Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

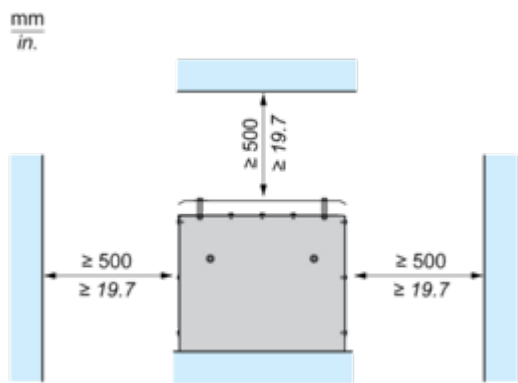
A	B	C	A1	C1	A2	C2	Ø
940	1035	485	920	380	1060	540	9 x 12

Dimensions in in.

A	B	C	A1	C1	A2	C2	Ø
37.00	40.75	19.09	36.22	14.96	41.73	21.26	0.35 x 0.47

Mounting and Clearance

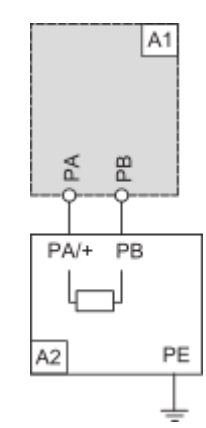
Clearances



Connections and Schema

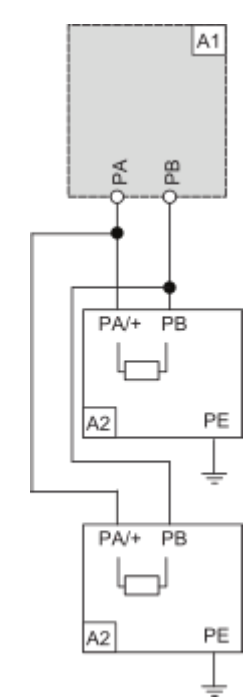
Recommended Schema

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