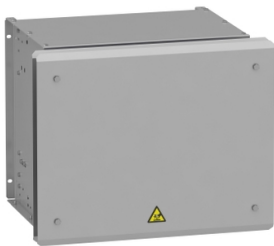


Product data sheet

Specifications



braking resistor, Altivar, 1.4Ohms,
5.1kW, IP23

VW3A7748

Product availability: Non-Stock - Not 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 medium cycle Variable speed drive ATV930 wall mount 75 kW 200...240 V medium cycle Variable speed drive ATV930 wall mount 220 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 250 kW 380...480 V light cycle
Duty 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	5.1 kW 122 °F (50 °C)
Electrical connection	terminal <= 2.5 mm² / 12 AWG 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	19.09 in (485 mm)
Depth	25.6 in (650 mm)
Product Weight	63.9 lb(US) (29 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
GTIN	3606480802416
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	19.094 in (48.500 cm)
Package 1 Width	21.260 in (54.000 cm)
Package 1 Length	25.591 in (65.000 cm)
Package weight(Lbs)	88.185 lb(US) (40.000 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
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

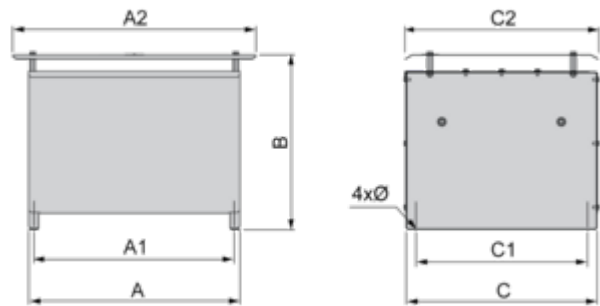
Use Again

Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

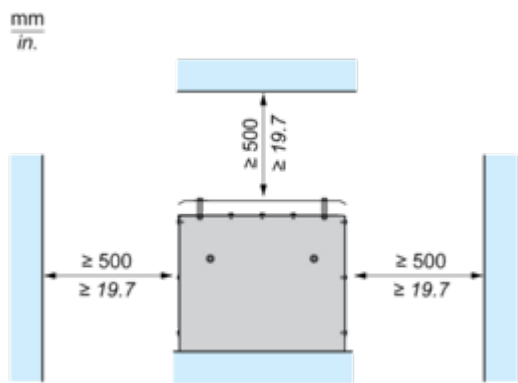
A	B	C	A1	C1	A2	C2	Ø
530	485	485	510	380	650	540	9 x 12

Dimensions in in.

A	B	C	A1	C1	A2	C2	Ø
20.87	19.09	19.09	20.08	14.96	25.59	21.26	0.35 x 0.47

Mounting and Clearance

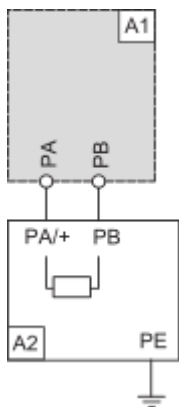
Clearances



Connections and Schema

Recommended Schema

1 Braking Resistor

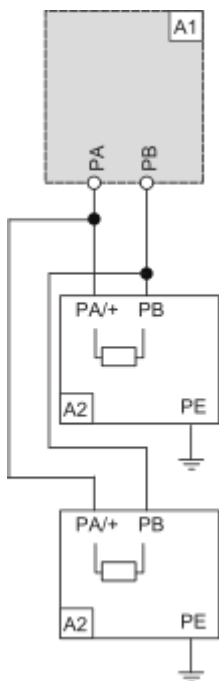


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC