Product data sheet

Specifications



braking resistor, Altivar, 8Ohms, 3.8kW, IP23

VW3A7745

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

Main

Range of Product	Altivar
Range Compatibility	Altivar Machine ATV340 Altivar Process ATV900
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 medium cycle Variable speed drive ATV950 wall mount 55 kW 380...480 V medium cycle Variable speed drive ATV340 45 kW 380...480 V medium cycle Variable speed drive ATV930 45 kW 500...690 V medium cycle Variable speed drive ATV930 55 kW 500...690 V medium cycle Variable speed drive ATV930 60 hp 600 V medium cycle Variable speed drive ATV930 75 hp 600 V medium 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	3.8 kW 122 °F (50 °C)
Electrical connection	terminal <= 2.5 mm² / 12 AWG temperature control switch M8 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)
Net Weight	56.2 lb(US) (25.5 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)
Product Certifications	UL CE EAC UKCA RoHS

Ordering and shipping details

Category	US1CP4E22209

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

Discount Schedule	CP4E
GTIN	3606480802386
Returnability	Yes
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	22.835 in (58.000 cm)
Package 1 Width	22.835 in (58.000 cm)
Package 1 Length	27.362 in (69.500 cm)
Package weight(Lbs)	54.013 lb(US) (24.500 kg)

Contractual warranty

Warranty (in months)	18

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 Again

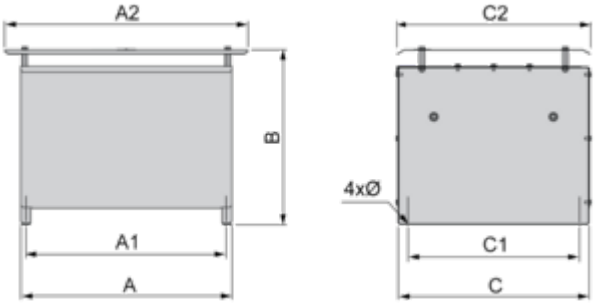
Repack and remanufacture

Take-back	No

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

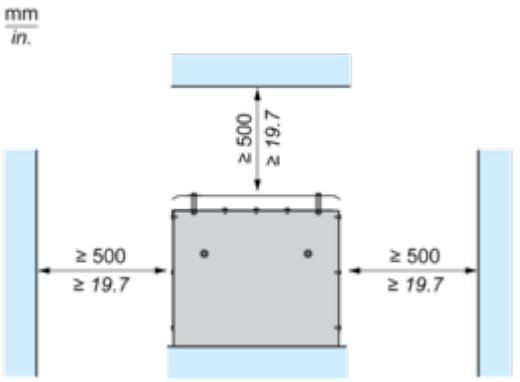
A	B	C	A1	C1	A2	C2	∅
530	485	485	510	380	650	540	9 x 12

Dimensions in in.

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

Mounting and Clearance

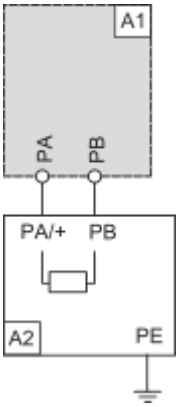
Clearances



Connections and Schema

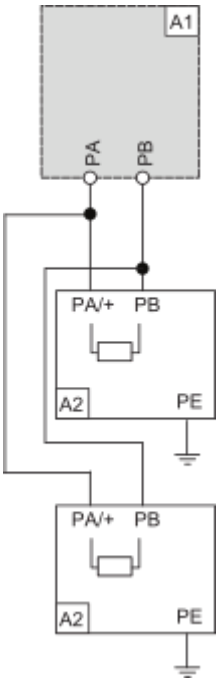
Recommended Schema

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