

Product data sheet

Specifications



braking resistor, Altivar, 10Ohms, 19kW, IP23

VW3A7754

Product availability: Stock - Normally stocked in distribution facility

Main

Range Compatibility	Altivar Machine ATV340 Altivar Process ATV900
Product or Component Type	Braking resistor
Ohmic value	10 Ohm
[Ue] rated operational voltage	24 V DC 250 V AC

Complementary

Product compatibility	Variable speed drive ATV930 wall mount 37 kW 380...480 V severe cycle Variable speed drive ATV930 wall mount 45 kW 380...480 V severe cycle Variable speed drive ATV930 wall mount 90 kW 380...480 V severe cycle Variable speed drive ATV950 wall mount 37 kW 380...480 V severe cycle Variable speed drive ATV950 wall mount 45 kW 380...480 V severe cycle Variable speed drive ATV950 wall mount 90 kW 380...480 V severe cycle Variable speed drive ATV340 30 kW 380...480 V severe cycle Variable speed drive ATV340 37 kW 380...480 V severe cycle Variable speed drive ATV340 75 kW 380...480 V severe cycle 2 per drive Variable speed drive ATV930 45 kW 500...690 V severe cycle Variable speed drive ATV930 55 kW 500...690 V severe cycle Variable speed drive ATV930 60 hp 600 V severe cycle Variable speed drive ATV930 75 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	19 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	33.9 in (860 mm)
Product Weight	156.5 lb(US) (71 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.

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

GTIN	3606480802461
Returnability	Yes
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	47.244 in (120.000 cm)
Package 1 Width	31.496 in (80.000 cm)
Package 1 Length	59.843 in (152.000 cm)
Package weight(Lbs)	244.713 lb(US) (111.000 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

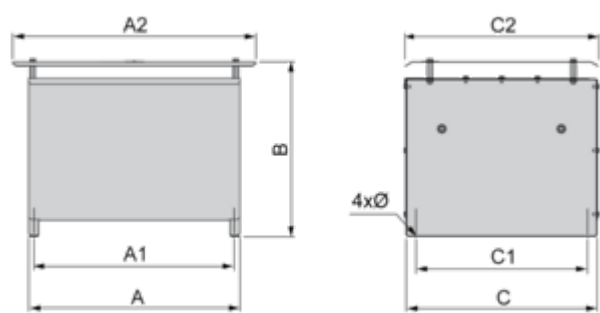
Use Again

Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

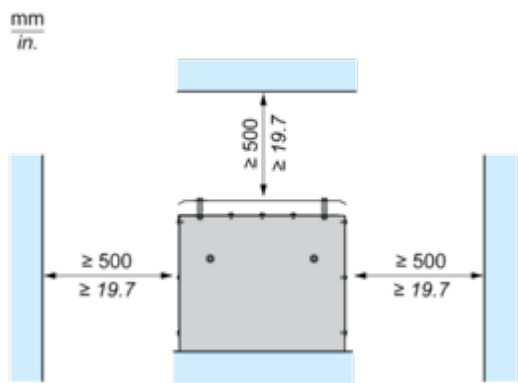
A	B	C	A1	C1	A2	C2	Ø
740	1035	485	720	380	860	540	9 x 12

Dimensions in in.

A	B	C	A1	C1	A2	C2	Ø
29.13	40.75	19.09	28.35	14.96	33.86	21.26	0.35 x 0.47

Mounting and Clearance

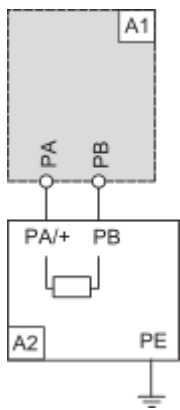
Clearances



Connections and Schema

Recommended Schema

1 Braking Resistor

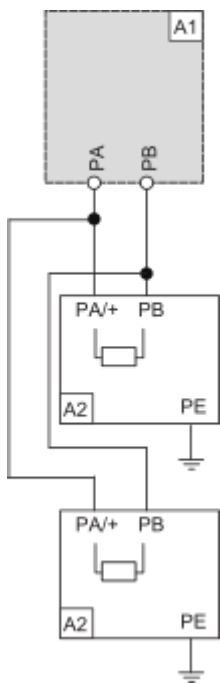


A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit

A2 : Braking resistor

PA, PB : Bus DC