

### Main

Product or component type	Braking resistor
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### Complementary

Range compatibility	Altivar Machine ATV320 Altivar Machine ATV340 Easy Altivar 310 Altivar Process ATV900 Easy Altivar 310L
Product compatibility	Variable speed drive ATV930 wall mount 5.5 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 7.5 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 1.5 kW 200...240 V light cycle Variable speed drive ATV930 wall mount 2.2 kW 200...240 V light cycle Variable speed drive ATV950 wall mount 5.5 kW 380...480 V light cycle Variable speed drive ATV950 wall mount 7.5 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 1.5 kW 200...240 V medium cycle Variable speed drive ATV930 wall mount 2.2 kW 200...240 V medium cycle Variable speed drive ATV340 4 kW 380...480 V light cycle Variable speed drive ATV340 5.5 kW 380...480 V light cycle Variable speed drive ATV320 0.55 kW 200...240 V Variable speed drive ATV320 0.75 kW 200...240 V Variable speed drive ATV320 1.1 kW 200...240 V Variable speed drive ATV320 1.5 kW 200...240 V Variable speed drive ATV320 4 kW 380...480 V Variable speed drive ATV320 5.5 kW 380...480 V Variable speed drive ATV310 5.5 kW Variable speed drive ATV310 7.5 kW Variable speed drive ATV930 7.5 kW 500...690 V light cycle Variable speed drive ATV930 11 kW 500...690 V light cycle Variable speed drive ATV930 10 hp 600 V light cycle Variable speed drive ATV930 15 hp 600 V light cycle Variable speed drive ATV320 5.5 kW 525...600 V Variable speed drive ATV310L 0.75 kW Variable speed drive ATV310L 1.5 kW Variable speed drive ATV310L 2.2 kW Variable speed drive ATV310L 3.0 kW Variable speed drive ATV310L 4.0 kW Variable speed drive ATV310L 5.5 kW
Braking cycle	Light cycle heavy duty) <0.8 s 150 % 40 s Light cycle normal duty) <0.8 s 120 % 40 s Medium cycle normal duty) <4 s 135 % 40 s Medium cycle heavy duty) <4 s 165 % 40 s
Average power available	0.16 kW 122 °F (50 °C)
Ohmic value	60 Ohm
Electrical connection	Terminal <= 10 mm <sup>2</sup> / AWG 8 drive
Protection type	Thermal protection via drive
Width	4.13 in (105 mm)
Height	13.58 in (345 mm)
Depth	3.94 in (100 mm)
Net Weight	3.97 lb(US) (1.8 kg)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

Ambient air temperature for operation	32...122 °F (0...50 °C)
Ambient air temperature for storage	-13...158 °F (-25...70 °C)
IP degree of protection	IP20

## Ordering and shipping details

Category	22209 - ATV650
Discount Schedule	CP4E
GTIN	03606480802256
Nbr. of units in pkg.	1
Package weight(Lbs)	4.5 lb(US) (2.04 kg)
Returnability	No
Country of origin	DE

## Packing Units

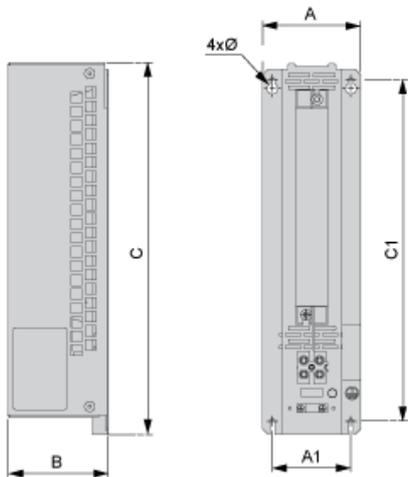
Unit Type of Package 1	PCE
Package 1 Height	4.72 in (12 cm)
Package 1 width	14.17 in (36 cm)
Package 1 Length	6.69 in (17 cm)
Unit Type of Package 2	P06
Number of Units in Package 2	30
Package 2 Weight	154.32 lb(US) (70 kg)
Package 2 Height	19.69 in (50 cm)
Package 2 width	23.62 in (60 cm)
Package 2 Length	31.50 in (80 cm)

## Offer Sustainability

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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>

Dimensions

Right Side and Front View



Dimensions in mm

A	B	C	A1	C1	Ø
105	100	345	72	316	4.5

Dimensions in in.

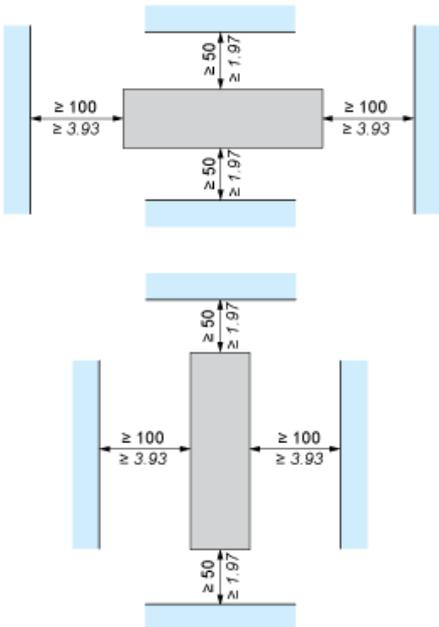
A	B	C	A1	C1	Ø
4.13	3.94	13.58	2.83	12.44	0.18

Mounting and Clearance



(1) Braking resistor

mm  
in.

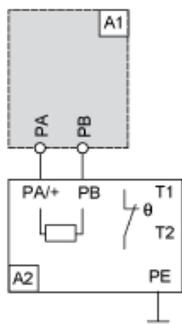


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Recommended Schema

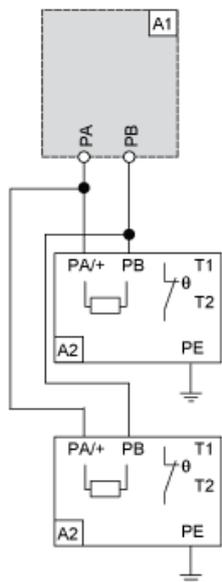
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1 Braking Resistor



- A1 : Drive or external braking unit
- A2 : Braking resistor
- PA, Bus DC
- PB :
- T1, Temperature control switch
- T2 :

2 Braking Resistors



- A1 : Drive or external braking unit
- A2 : Braking resistor
- PA, Bus DC
- PB :
- T1, Temperature control switch
- T2 :