

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



### Main

Product or component type	Braking resistor
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### Complementary

Range compatibility	Altivar Machine ATV340 Altivar Process ATV900
Product compatibility	Variable speed drive ATV930 wall mount 5.5 kW 380...480 V severe cycle Variable speed drive ATV930 wall mount 7.5 kW 380...480 V severe cycle Variable speed drive ATV930 wall mount 2.2 kW 200...240 V severe cycle Variable speed drive ATV950 wall mount 5.5 kW 380...480 V severe cycle Variable speed drive ATV950 wall mount 7.5 kW 380...480 V severe cycle Variable speed drive ATV340 4 kW 380...480 V severe cycle Variable speed drive ATV340 5.5 kW 380...480 V severe cycle Variable speed drive ATV930 7.5 kW 500...690 V severe cycle Variable speed drive ATV930 11 kW 500...690 V severe cycle Variable speed drive ATV930 10 hp 600 V severe cycle Variable speed drive ATV930 15 hp 600 V severe cycle
Braking cycle	Severe cycle heavy duty) <54 s 100 % 120 s Severe cycle heavy duty) <6 s 165 % 120 s
Average power available	3.4 kW 122 °F (50 °C)
Ohmic value	60 Ohm
Electrical connection	Terminal <= 10 mm <sup>2</sup> / AWG 8 drive Terminal <= 2.5 mm <sup>2</sup> / AWG 12 temperature control switch
Protection type	Thermal protection via drive or temperature control switch 120 °C
[Ue] rated operational voltage	24 V DC 250 V AC
Width	15.35 in (390 mm)
Height	22.44 in (570 mm)
Depth	7.09 in (180 mm)
Net weight	18.30 lb(US) (8.3 kg)

### 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

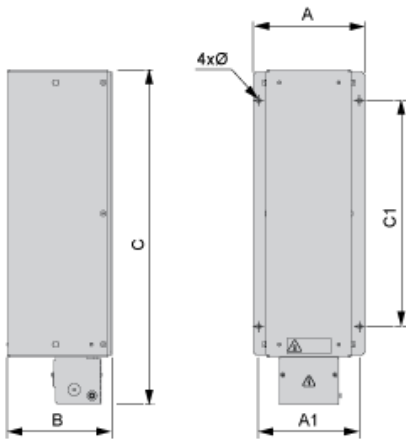
Category	22209 - ATV650
Discount Schedule	CP4E
GTIN	03606480802430
Package weight(Lbs)	9.25 kg (20.4 lb(US))
Returnability	No
Country of origin	DE

## 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 Carcinogen & Reproductive harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
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
390	180	570	370	380	6.6 x 9

Dimensions in in.

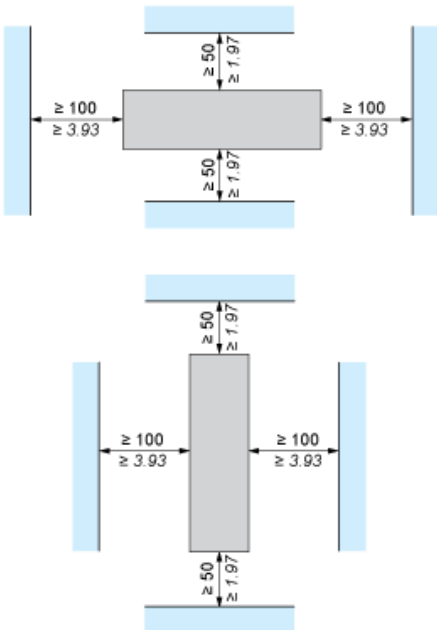
A	B	C	A1	C1	Ø
15.35	7.09	22.44	14.57	14.96	0.26 x 0.35

Mounting and Clearance



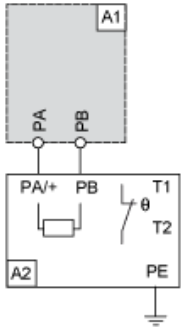
(1) Braking resistor

mm  
in.



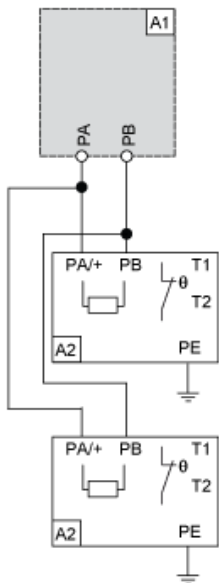
Recommended Schema

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 :