



### Main

Range Compatibility	Altivar Machine ATV340 Altivar&nbsp;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 mm <sup>2</sup> / AWG 12 temperature control switch M12 bar wire drive
Protection type	Thermal protection via drive or temperature control switch 120 °C
Width	21.26 in (540 mm)
Height	40.75 in (1035 mm)
Depth	33.86 in (860 mm)
Net Weight	156.53 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	22209-ATV650
Discount Schedule	CP4E
GTIN	3606480802461
Returnability	No
Country of origin	DE

## Packing Units

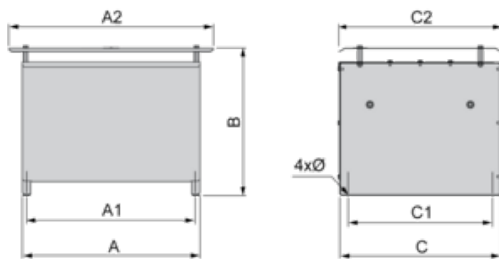
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	31.50 in (80.0 cm)
Package 1 Width	47.24 in (120.0 cm)
Package 1 Length	59.84 in (152.0 cm)
Package 1 Weight	208.34 lb(US) (94.5 kg)

## 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
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>

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

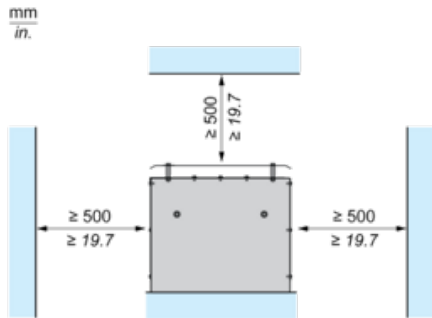
Dimensions in in.

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

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Clearances

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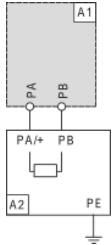


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Recommended Schema

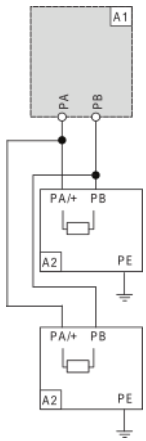
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1 Braking Resistor



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