



Main

Product or component type	Braking resistor
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Complementary

Range compatibility	Altivar Process ATV900 Altivar Machine ATV340
Product compatibility	Variable speed drive ATV930 wall mount 11 kW 380...480 V severe cycle Variable speed drive ATV930 wall mount 15 kW 380...480 V severe cycle Variable speed drive ATV930 wall mount 4 kW 200...240 V severe cycle Variable speed drive ATV950 wall mount 11 kW 380...480 V severe cycle Variable speed drive ATV950 wall mount 15 kW 380...480 V severe cycle Variable speed drive ATV340 7.5 kW 380...480 V severe cycle Variable speed drive ATV340 11 kW 380...480 V severe cycle Variable speed drive ATV930 15 kW 500...690 V severe cycle Variable speed drive ATV930 18.5 kW 500...690 V severe cycle Variable speed drive ATV930 20 hp 600 V severe cycle Variable speed drive ATV930 25 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	5.1 kW 122 °F (50 °C)
Ohmic value	28 Ohm
Electrical connection	Terminal <= 2.5 mm ² / AWG 12 temperature control switch M6 bar wire drive
Protection type	Thermal protection via drive or temperature control switch at 120 °C
[Ue] rated operational voltage	24 V DC 250 V AC
Width	21.26 in (540 mm)
Height	19.09 in (485 mm)
Depth	25.59 in (650 mm)
Net Weight	59.52 lb(US) (27 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	IP23

Ordering and shipping details

Category	22209 - ATV650
Discount Schedule	CP4E
GTIN	03606480802447
Nbr. of units in pkg.	1
Package weight(Lbs)	52.7 lb(US) (23.90 kg)

Returnability	No
Country of origin	DE

Packing Units

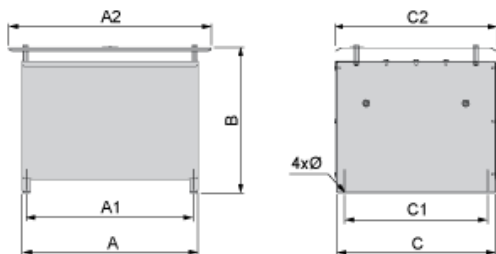
Unit Type of Package 1	PCE
Package 1 Height	22.83 in (58 cm)
Package 1 width	22.83 in (58 cm)
Package 1 Length	27.95 in (71 cm)

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 www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration

Dimensions

Right Side and Front View



Dimensions in mm

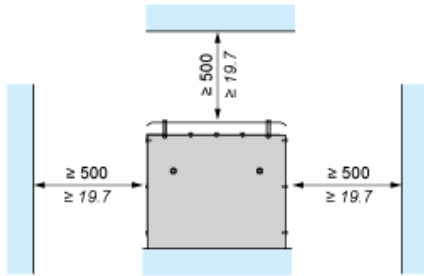
A	B	C	A1	C1	A2	C2	Ø
530	485	485	510	380	650	540	9 x 12

Dimensions in in.

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

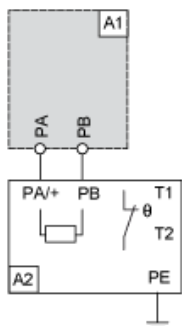
Clearances

mm
in.



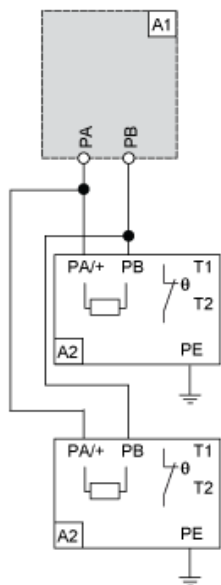
Recommended Schema

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 :