



Main

Product or component type	Braking resistor
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Complementary

Range compatibility	Altivar Process ATV900
Product compatibility	Variable speed drive ATV930 wall mount 110 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 132 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 160 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 30 kW 200...240 V light cycle Variable speed drive ATV930 wall mount 37 kW 200...240 V light cycle Variable speed drive ATV930 wall mount 45 kW 200...240 V light cycle Variable speed drive ATV930 wall mount 30 kW 200...240 V medium cycle Variable speed drive ATV930 wall mount 37 kW 200...240 V medium cycle Variable speed drive ATV930 wall mount 45 kW 200...240 V medium cycle
Braking cycle	Light cycle (heavy duty) : 0.8 s braking with 150 % braking torque for a 40 s cycle Light cycle (normal duty) : 0.8 s braking with 120 % braking torque for a 40 s cycle Medium cycle (normal duty) : 4 s braking with 135 % braking torque for a 40 s cycle Medium cycle (heavy duty) : 4 s braking with 165 % braking torque for a 40 s cycle
Average power available	3.2 kW at 50 °C
Ohmic value	2.5 Ohm
Electrical connection	Terminal, clamping capacity: $\leq 2.5 \text{ mm}^2$, AWG 12 for temperature control switch M12 bar wire for 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	485 mm
Height	410 mm
Depth	485 mm
Product weight	20 kg

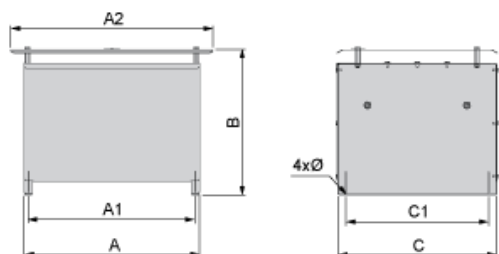
Environment

Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-25...70 °C
IP degree of protection	IP23

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Dimensions

Right Side and Front View



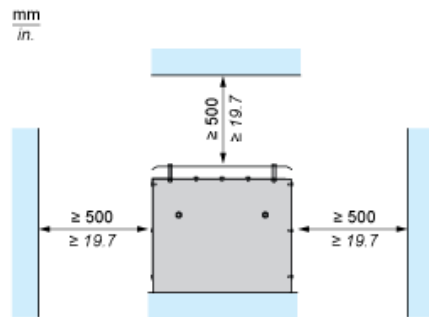
Dimensions in mm

A	B	C	A1	C1	A2	C2	Ø
330	485	485	310	380	450	540	9 x 12

Dimensions in in.

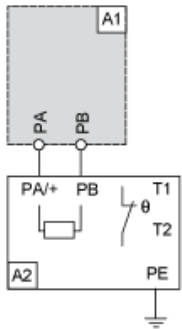
A	B	C	A1	C1	A2	C2	Ø
12.99	19.09	19.09	12.20	14.96	17.71	21.26	0.35 x 0.47

Clearances



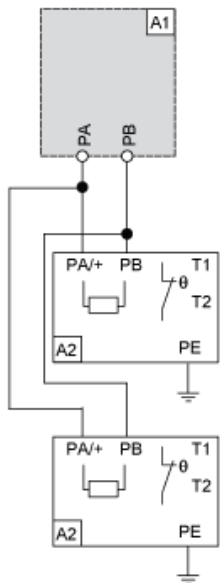
Recommended Schema

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 :