



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 55 kW 200...240 V medium cycle Variable speed drive ATV930 wall mount 75 kW 200...240 V medium cycle Variable speed drive ATV930 wall mount 220 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 250 kW 380...480 V light cycle
Braking 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	5.1 kW at 50 °C
Ohmic value	1.4 Ohm
Electrical connection	terminal, connection capacity: <= 2.5 mm² / 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	540 mm
Height	485 mm
Depth	650 mm
Product weight	29 kg

Environment

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

Offer Sustainability

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

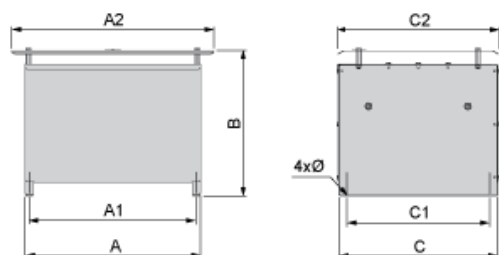
China RoHS Regulation	China RoHS declaration
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Contractual warranty

Warranty	18 months
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Dimensions

Right Side and Front View



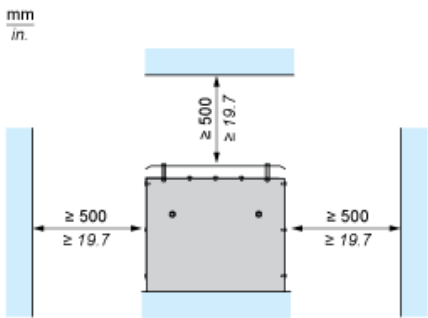
Dimensions in mm

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

Dimensions in in.

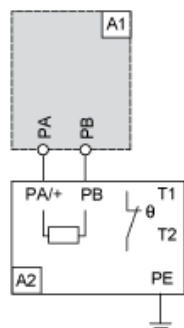
A	B	C	A1	C1	A2	C2	Ø
20.87	19.09	19.09	20.08	14.96	25.59	21.26	0.35 x 0.47

Clearances



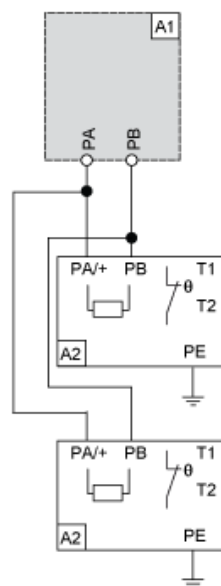
Recommended Schema

1 Braking Resistor



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

2 Braking Resistors



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