



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 0.75 kW 380...480 V severe cycle Variable speed drive ATV930 wall mount 1.5 kW 380...480 V severe cycle Variable speed drive ATV930 wall mount 2.2 kW 380...480 V severe cycle Variable speed drive ATV930 wall mount 3 kW 380...480 V severe cycle Variable speed drive ATV930 wall mount 4 kW 380...480 V severe cycle Variable speed drive ATV950 wall mount 0.75 kW 380...480 V severe cycle Variable speed drive ATV950 wall mount 1.5 kW 380...480 V severe cycle Variable speed drive ATV950 wall mount 2.2 kW 380...480 V severe cycle Variable speed drive ATV950 wall mount 3 kW 380...480 V severe cycle Variable speed drive ATV950 wall mount 4 kW 380...480 V severe cycle Variable speed drive ATV340 0.75 kW 380...480 V severe cycle Variable speed drive ATV340 1.5 kW 380...480 V severe cycle Variable speed drive ATV340 2.2 kW 380...480 V severe cycle Variable speed drive ATV340 3 kW 380...480 V severe cycle Variable speed drive ATV930 2.2 kW 500...690 V severe cycle Variable speed drive ATV930 3 kW 500...690 V severe cycle Variable speed drive ATV930 4 kW 500...690 V severe cycle Variable speed drive ATV930 5.5 kW 500...690 V severe cycle Variable speed drive ATV930 3 hp 600 V severe cycle Variable speed drive ATV930 5 hp 600 V severe cycle Variable speed drive ATV930 7.5 hp 600 V severe cycle
Braking 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	1.7 kW at 50 °C
Ohmic value	100 Ohm
Electrical connection	terminal, connection capacity: <= 10 mm² / AWG 8 for drive terminal, connection capacity: <= 2.5 mm² / AWG 12 for temperature control switch
Protection type	Thermal protection via drive or temperature control switch at 120 °C
[Ue] rated operational voltage	24 V DC 250 V AC
Width	290 mm
Height	570 mm
Depth	180 mm

Product weight	5 kg
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Environment

Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-25...70 °C
IP degree of protection	IP20

Offer Sustainability

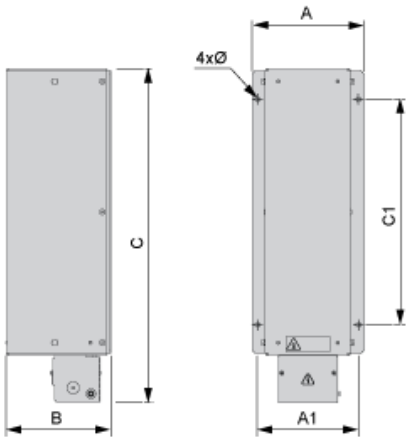
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration

Contractual warranty

Warranty	18 months
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Dimensions

Right Side and Front View



Dimensions in mm

A	B	C	A1	C1	Ø
290	180	570	270	380	6.6 x 9

Dimensions in in.

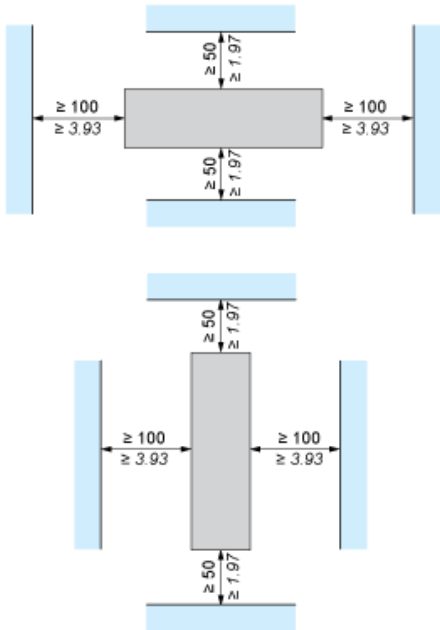
A	B	C	A1	C1	Ø
11.42	7.09	22.44	10.63	14.96	0.26 x 0.35

Mounting and Clearance



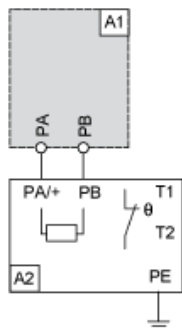
(1) Braking resistor

mm
in.



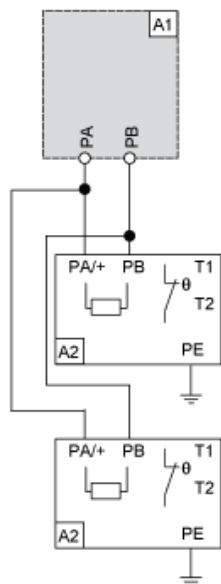
Recommended Schema

1 Braking Resistor



A1 : Drive or external braking unit
A2 : Braking resistor
PA, 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