



Main

Product or component type	Braking resistor
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Complementary

Range compatibility	Altivar Process ATV900 Altivar Machine ATV320 Altivar Machine ATV340
Product compatibility	Variable speed drive ATV930 wall mount 55 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 15 kW 200...240 V light cycle Variable speed drive ATV950 wall mount 55 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 15 kW 200...240 V medium cycle Variable speed drive ATV340 45 kW 380...480 V light cycle Variable speed drive ATV320 11 kW 200...240 V
Duty 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	1.1 kW at 50 °C
Ohmic value	8 Ohm
Electrical connection	Terminal, clamping capacity: ≤ 35 mm², AWG 3 for drive Terminal, clamping capacity: ≤ 4 mm², AWG 10 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	190 mm
Height	640 mm
Depth	180 mm
Product weight	5.5 kg

Environment

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

Offer Sustainability

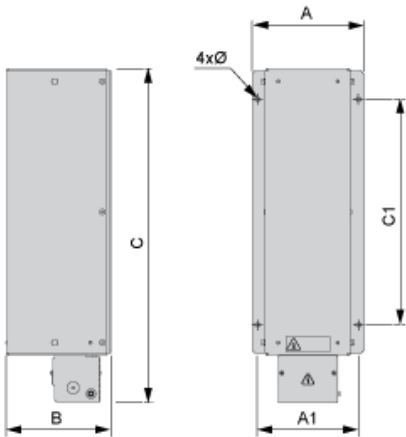
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1533 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity



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Dimensions

Right Side and Front View



Dimensions in mm

A	B	C	A1	C1	Ø
190	180	640	170	380	6.6 x 9

Dimensions in in.

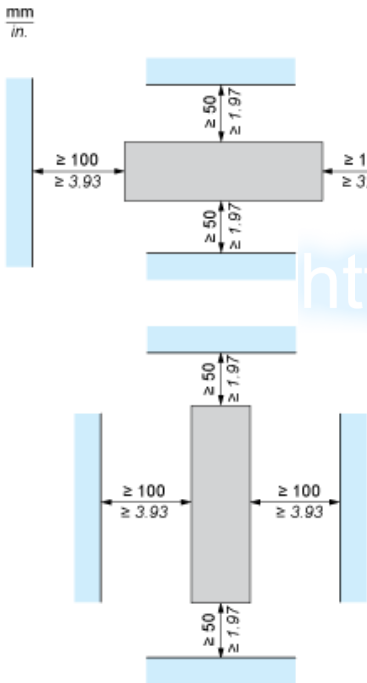
A	B	C	A1	C1	Ø
7.48	7.09	25.20	6.69	14.96	0.26 x 0.35

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Mounting and Clearance



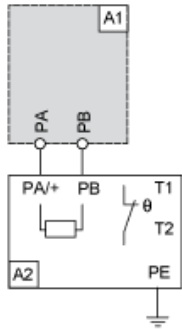
(1) Braking resistor



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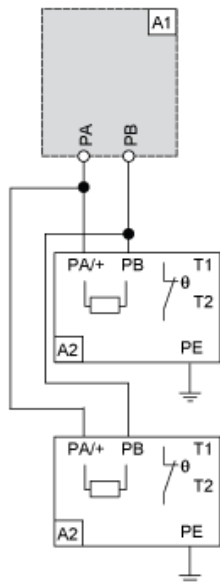
Recommended Schema

1 Braking Resistor



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

2 Braking Resistors



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



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