

### Main

Product or component type	Braking resistor
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### Complementary

Range compatibility	<p>Altivar Easy 310 Altivar Process ATV900 Altivar Machine ATV320 Altivar Machine ATV340 Altivar 310L</p>
Product compatibility	<p>Variable speed drive ATV930 wall mount 0.75 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 1.5 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 2.2 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 3 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 4 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 0.75 kW 200...240 V light cycle Variable speed drive ATV950 wall mount 0.75 kW 380...480 V light cycle Variable speed drive ATV950 wall mount 1.5 kW 380...480 V light cycle Variable speed drive ATV950 wall mount 2.2 kW 380...480 V light cycle Variable speed drive ATV950 wall mount 3 kW 380...480 V light cycle Variable speed drive ATV950 wall mount 4 kW 380...480 V light cycle Variable speed drive ATV930 wall mount 0.75 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 1.5 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 0.75 kW 200...240 V medium cycle Variable speed drive ATV950 wall mount 0.75 kW 380...480 V medium cycle Variable speed drive ATV950 wall mount 1.5 kW 380...480 V medium cycle Variable speed drive ATV340 0.75 kW 380...480 V light cycle Variable speed drive ATV340 1.5 kW 380...480 V light cycle Variable speed drive ATV340 2.2 kW 380...480 V light cycle Variable speed drive ATV340 3 kW 380...480 V light cycle Variable speed drive ATV340 0.75 kW 380...480 V medium cycle Variable speed drive ATV320 0.18 kW 200...240 V Variable speed drive ATV320 0.37 kW 200...240 V Variable speed drive ATV320 0.37 kW 380...480 V Variable speed drive ATV320 0.55 kW 380...480 V Variable speed drive ATV320 0.75 kW 380...480 V Variable speed drive ATV320 1.1 kW 380...480 V Variable speed drive ATV320 1.5 kW 380...480 V Variable speed drive ATV320 2.2 kW 380...480 V Variable speed drive ATV320 3 kW 380...480 V Variable speed drive ATV320 0.75 kW 525...600 V Variable speed drive ATV320 2.2 kW 525...600 V Variable speed drive ATV320 1.5 kW 525...600 V Variable speed drive ATV320 4 kW 525...600 V Variable speed drive ATV310 1.5 kW Variable speed drive ATV310 2.2 kW Variable speed drive ATV310 3 kW Variable speed drive ATV310 4 kW Variable speed drive ATV930 2.2 kW 500...690 V light cycle Variable speed drive ATV930 3 kW 500...690 V light cycle Variable speed drive ATV930 4 kW 500...690 V light cycle Variable speed drive ATV930 5.5 kW 500...690 V light cycle Variable speed drive ATV930 3 hp 600 V light cycle Variable speed drive ATV930 5 hp 600 V light cycle Variable speed drive ATV930 7.5 hp 600 V light cycle Variable speed drive ATV930 2.2 kW 500...690 V medium cycle Variable speed drive ATV930 3 kW 500...690 V medium cycle Variable speed drive ATV930 3 hp 600 V medium cycle Variable speed drive ATV310L 0.75 kW</p>

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Variable speed drive ATV310L 1.5 kW  
 Variable speed drive ATV310L 2.2 kW  
 Variable speed drive ATV310L 3 kW  
 Variable speed drive ATV310L 4 kW  
 Variable speed drive ATV310L 5.5 kW

Duty cycle	Light cycle (heavy duty) : $\leq 0.8$ s braking with 150 % braking torque for a 40 s cycle Light cycle (normal duty) : $\leq 0.8$ s braking with 120 % braking torque for a 40 s cycle Medium cycle (normal duty) : $\leq 4$ s braking with 135 % braking torque for a 40 s cycle Medium cycle (heavy duty) : $\leq 4$ s braking with 165 % braking torque for a 40 s cycle
Average power available	0.1 kW at 50 °C
Ohmic value	100 Ohm
Electrical connection	Terminal, clamping capacity: $\leq 10$ mm <sup>2</sup> , AWG 8 for drive
Protection type	Thermal protection via drive
Width	105 mm
Height	295 mm
Depth	100 mm
Product weight	1.5 kg

## Environment

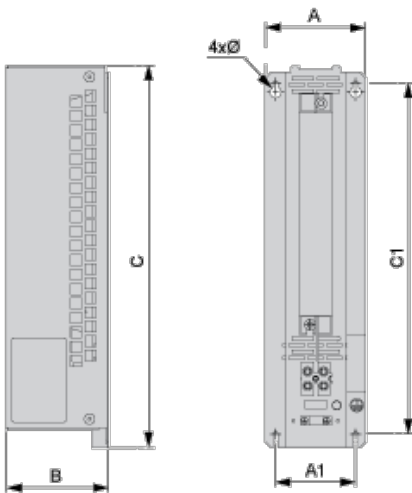
ambient air temperature for operation	0...50 °C
ambient air temperature for storage	-25...70 °C
IP degree of protection	IP20

## Offer Sustainability

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

## Dimensions

### Right Side and Front View



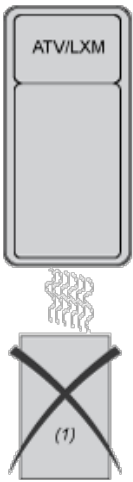
#### Dimensions in mm

A	B	C	A1	C1	Ø
105	100	295	72	266	4.5

#### Dimensions in in.

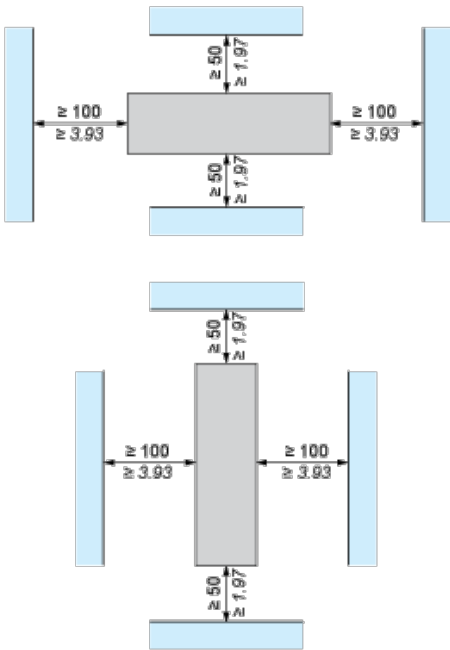
A	B	C	A1	C1	Ø
4.13	3.94	11.61	2.83	10.47	0.18

## Mounting and Clearance



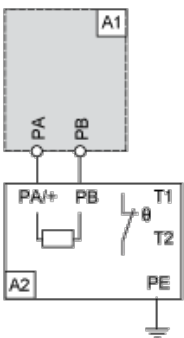
(1) Braking resistor

mm  
in.



## Recommended Schema

### 1 Braking Resistor



A1 : Drive or external braking unit

A2 : Braking resistor

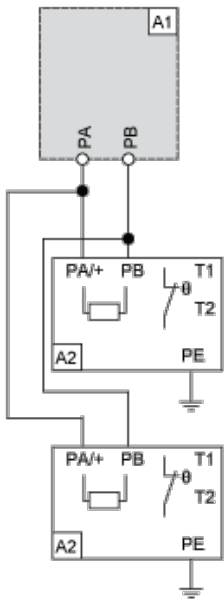
PA, Bus DC

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 :