

Main

Range Compatibility	Altivar Process ATV900 Altivar Machine ATV340 Altivar Machine ATV320 Easy Altivar 310 Easy Altivar 310L
Product or Component Type	Braking resistor
Ohmic value	100 Ohm

Complementary

Product compatibility	<p>Variable speed drive ATV930 wall mount 0.75 kW 380...480 V light cycle</p> <p>Variable speed drive ATV930 wall mount 1.5 kW 380...480 V light cycle</p> <p>Variable speed drive ATV930 wall mount 2.2 kW 380...480 V light cycle</p> <p>Variable speed drive ATV930 wall mount 3 kW 380...480 V light cycle</p> <p>Variable speed drive ATV930 wall mount 4 kW 380...480 V light cycle</p> <p>Variable speed drive ATV930 wall mount 0.75 kW 200...240 V light cycle</p> <p>Variable speed drive ATV950 wall mount 0.75 kW 380...480 V light cycle</p> <p>Variable speed drive ATV950 wall mount 1.5 kW 380...480 V light cycle</p> <p>Variable speed drive ATV950 wall mount 2.2 kW 380...480 V light cycle</p> <p>Variable speed drive ATV950 wall mount 3 kW 380...480 V light cycle</p> <p>Variable speed drive ATV950 wall mount 4 kW 380...480 V light cycle</p> <p>Variable speed drive ATV930 wall mount 0.75 kW 380...480 V medium cycle</p> <p>Variable speed drive ATV930 wall mount 1.5 kW 380...480 V medium cycle</p> <p>Variable speed drive ATV930 wall mount 0.75 kW 200...240 V medium cycle</p> <p>Variable speed drive ATV950 wall mount 0.75 kW 380...480 V medium cycle</p> <p>Variable speed drive ATV950 wall mount 1.5 kW 380...480 V medium cycle</p> <p>Variable speed drive ATV340 0.75 kW 380...480 V light cycle</p> <p>Variable speed drive ATV340 1.5 kW 380...480 V light cycle</p> <p>Variable speed drive ATV340 2.2 kW 380...480 V light cycle</p> <p>Variable speed drive ATV340 3 kW 380...480 V light cycle</p> <p>Variable speed drive ATV340 0.75 kW 380...480 V medium cycle</p> <p>Variable speed drive ATV320 0.18 kW 200...240 V</p> <p>Variable speed drive ATV320 0.37 kW 200...240 V</p> <p>Variable speed drive ATV320 0.37 kW 380...480 V</p> <p>Variable speed drive ATV320 0.55 kW 380...480 V</p> <p>Variable speed drive ATV320 0.75 kW 380...480 V</p> <p>Variable speed drive ATV320 1.1 kW 380...480 V</p> <p>Variable speed drive ATV320 1.5 kW 380...480 V</p> <p>Variable speed drive ATV320 2.2 kW 380...480 V</p> <p>Variable speed drive ATV320 3 kW 380...480 V</p> <p>Variable speed drive ATV310 1.5 kW</p> <p>Variable speed drive ATV310 2.2 kW</p> <p>Variable speed drive ATV310 3 kW</p> <p>Variable speed drive ATV310 4 kW</p> <p>Variable speed drive ATV930 2.2 kW 500...690 V light cycle</p> <p>Variable speed drive ATV930 3 kW 500...690 V light cycle</p> <p>Variable speed drive ATV930 4 kW 500...690 V light cycle</p> <p>Variable speed drive ATV930 5.5 kW 500...690 V light cycle</p> <p>Variable speed drive ATV930 3 hp 600 V light cycle</p> <p>Variable speed drive ATV930 5 hp 600 V light cycle</p> <p>Variable speed drive ATV930 7.5 hp 600 V light cycle</p> <p>Variable speed drive ATV930 2.2 kW 500...690 V medium cycle</p> <p>Variable speed drive ATV930 3 kW 500...690 V medium cycle</p> <p>Variable speed drive ATV930 3 hp 600 V medium cycle</p> <p>Variable speed drive ATV320 0.75 kW 525...600 V</p> <p>Variable speed drive ATV320 1.5 kW 525...600 V</p> <p>Variable speed drive ATV320 2.2 kW 525...600 V</p> <p>Variable speed drive ATV320 4 kW 525...600 V</p> <p>Variable speed drive ATV310L 0.75 kW</p> <p>Variable speed drive ATV310L 1.5 kW</p> <p>Variable speed drive ATV310L 2.2 kW</p> <p>Variable speed drive ATV310L 3.0 kW</p> <p>Variable speed drive ATV310L 4.0 kW</p> <p>Variable speed drive ATV310L 5.5 kW</p>
Duty cycle	<p>Light cycle (heavy duty) <0.8 s braking with 150 % braking torque for a 40 s cycle</p> <p>Light cycle (normal duty) <0.8 s braking with 120 % braking torque for a 40 s cycle</p> <p>Medium cycle (normal duty) <4 s braking with 135 % braking torque for a 40 s cycle</p> <p>Medium cycle (heavy duty) <4 s braking with 165 % braking torque for a 40 s cycle</p>
Average power available	0.1 kW 122 °F (50 °C)
Electrical connection	Terminal <= 10 mm ² / AWG 8 drive
Protection type	Thermal protection via drive
Width	4.13 in (105 mm)
Height	11.61 in (295 mm)
Depth	3.94 in (100 mm)
Net Weight	3.31 lb(US) (1.5 kg)

Environment

IP Degree of Protection	IP20
Ambient Air Temperature for Storage	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Operation	32...122 °F (0...50 °C)

Ordering and shipping details

Category	22209-ATV650
Discount Schedule	CP4E
GTIN	3606480802249
Returnability	No
Country of origin	DE

Packing Units

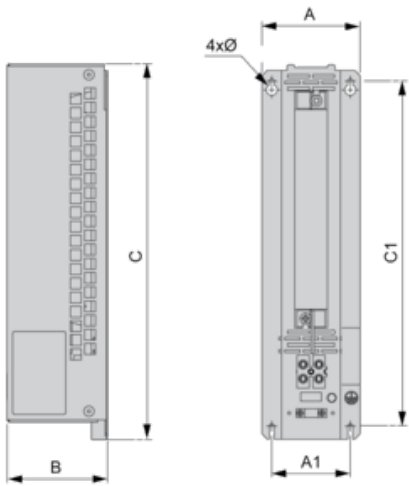
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.28 in (31.2 cm)
Package 1 Width	6.57 in (16.7 cm)
Package 1 Length	4.72 in (12 cm)
Package 1 Weight	3.75 lb(US) (1.7 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	6
Package 2 Height	11.81 in (30 cm)
Package 2 Width	15.75 in (40 cm)
Package 2 Length	23.62 in (60 cm)
Package 2 Weight	24.18 lb(US) (10.966 kg)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes

Dimensions

Right Side and Front View



Dimensions in mm

A	B	C	A1	C1	Ø
105	100	295	72	266	4.5

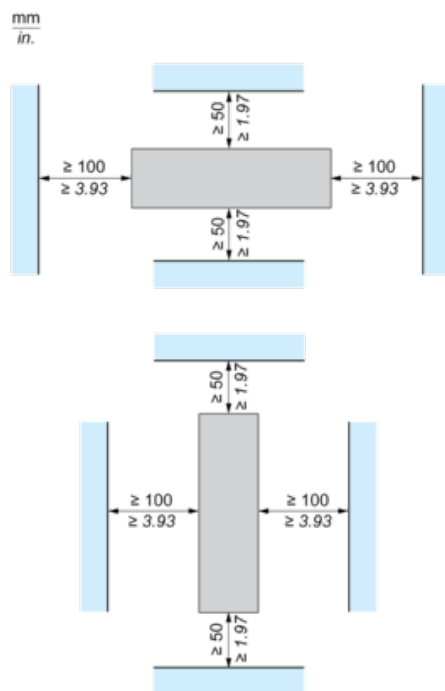
Dimensions in in.

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

Mounting and Clearance

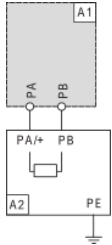


(1) Braking resistor



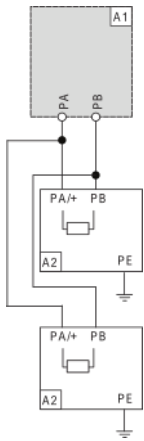
Recommended Schema

1 Braking Resistor



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

2 Braking Resistors



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