



### Main

Range compatibility	Altivar Process ATV900
Maximum braking power	80 kW
Product compatibility	Variable speed drive ATV930 without braking chopper 55 kW 200...240 V Variable speed drive ATV930 without braking chopper 75 kW 200...240 V
Thermal losses	400 W
Activation threshold	395 V DC +/- 1 %
Permanent braking power	60 kW at constant power and at engage threshold)
Protection type	Integrated thermal protection thermal probe
Minimum resistor value to associate	1.4 Ohm

### Complementary

Electrical connection	Cable 3 x 120 mm <sup>2</sup> , 3 x 250 kcmil <16.40 ft (5 m) between drive and braking unit Cable 3 x 120 mm <sup>2</sup> , 3 x 250 kcmil <32.81 ft (10 m) between braking unit and braking resistors
Maximum DC bus voltage	450 V
Load factor	0.05 150 kW at constant power and at engage threshold 0.15 120 kW at constant power and at engage threshold 0.5 95 kW at constant power and at engage threshold 1 75 kW at constant power and at engage threshold
Maximum cycle time	240 s
Volume of cooling air	43853.35 Gal/hr(US) (166 m <sup>3</sup> /h)
Operating position	Vertical +/- 10 degree
Mechanical robustness	Vibrations class 3M4 conforming to IEC 60721-3-3
Net Weight	34.17 lb(US) (15.5 kg)
Width	8.50 in (216 mm)
Height	25.91 in (658 mm)
Depth	11.93 in (303 mm)

### Environment

Ambient air temperature for operation	14...122 °F (-10...50 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
IP degree of protection	IP20 IP21 on top)
Environmental characteristic	Chemical pollution resistance class 3C3 IEC 60721-3-3 Dust pollution resistance class 3S3 conforming to IEC 60721-3-3 Humidity resistant class 3K3 IEC 60721-3-3
Relative humidity	5...95 % without condensation
Operating altitude	<= 3280.84 ft (1000 m) without derating 1000...4000 m with current derating 1 % per 100 m

### Ordering and shipping details

Category	22278 - ATV930 FRAMES 5 & 6
Discount Schedule	CP4E
GTIN	00785901015413
Nbr. of units in pkg.	1
Package weight(Lbs)	47.4 lb(US) (21.50 kg)

Returnability	No
Country of origin	CN

### Packing Units

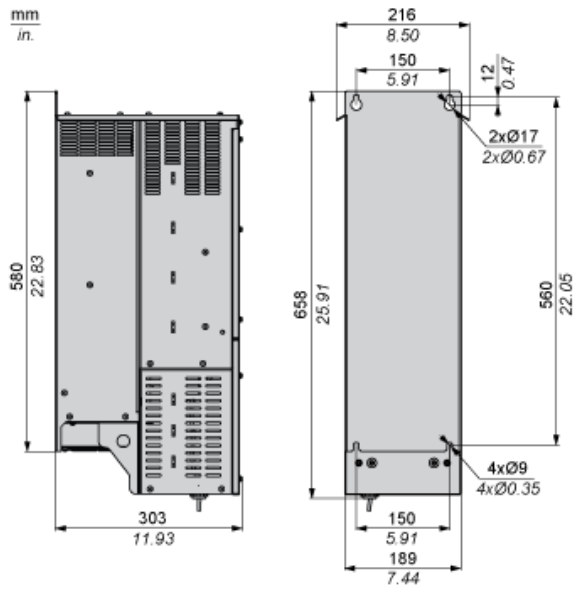
Unit Type of Package 1	PCE
Package 1 Height	10.39 in (26.4 cm)
Package 1 width	16.54 in (42 cm)
Package 1 Length	24.41 in (62 cm)

### Offer Sustainability

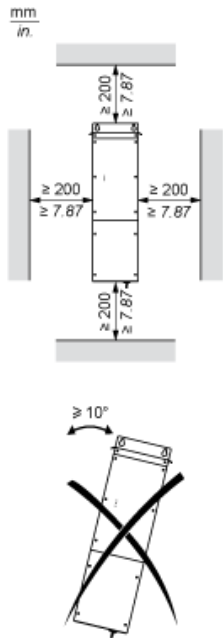
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov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

Dimensions

Left Side and Rear View



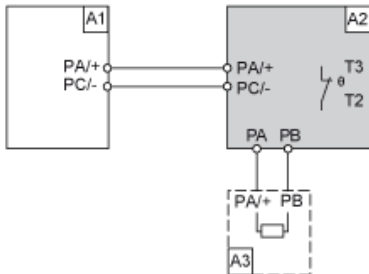
Mounting and Clearance



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Recommended Schema

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- A1 : Drive
- A2 : Braking unit
- A3 : Braking resistor
- PA, DC Bus
- PB,
- PC :
- T2, Thermal relay
- T3 :