



### Main

Range compatibility	Altivar Process ATV900
Maximum braking power	160 kW
Product compatibility	Variable speed drive ATV930 without braking chopper 110 kW 380...480 V Variable speed drive ATV930 without braking chopper 130 kW 380...480 V Variable speed drive ATV930 without braking chopper 160 kW 380...480 V
Thermal losses	400 W
Activation threshold	780 V DC +/- 1 %
Permanent braking power	100 kW (at constant power and at engage threshold)
Protection type	Integrated thermal protection by thermal probe
Minimum resistor value to associate	2.5 Ohm

### Complementary

Electrical connection	Cable, connection capacity: 2 x 120 mm <sup>2</sup> , 2 x 250 kcmil <5 m between drive and braking unit Cable, connection capacity: 2 x 120 mm <sup>2</sup> , 2 x 250 kcmil <10 m between braking unit and braking resistors
Maximum DC bus voltage	850 V
Load factor	0.05 for 320 kW at constant power and at engage threshold 0.15 for 250 kW at constant power and at engage threshold 0.5 for 200 kW at constant power and at engage threshold 1 for 160 kW at constant power and at engage threshold
Maximum cycle time	240 s
Volume of cooling air	166 m <sup>3</sup> /h
Operating position	Vertical +/- 10 degree
Mechanical robustness	Vibrations class 3M4 conforming to IEC 60721-3-3
Net weight	17 kg
Width	216 mm
Height	658 mm
Depth	303 mm

### Environment

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

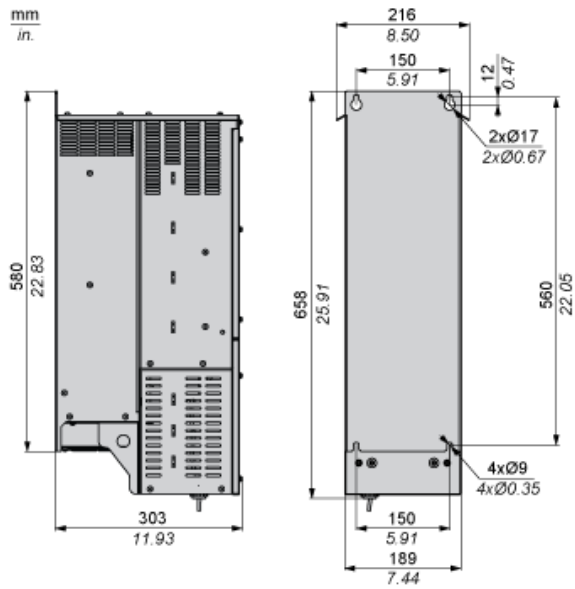
The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Offer Sustainability

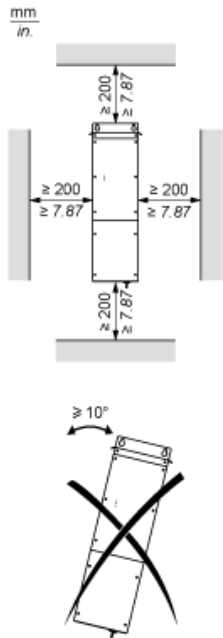
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>

Dimensions

Left Side and Rear View



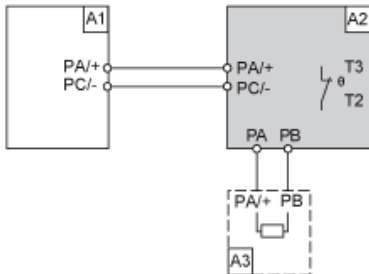
Mounting and Clearance



---

Recommended Schema

---



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