



Main

Product or component type	Resistance braking unit
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 ² , 2 x 250 kcmil <= 5 m between drive and braking unit Cable, connection capacity: 2 x 120 mm ² , 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
Cycle time	<= 240 s
Volume of cooling air	43853.35 Gal/hr(US) (166 m ³ /h)
Operating position	Vertical +/- 10 degree
Mechanical robustness	Vibrations class 3M4 conforming to IEC 60721-3-3
Product weight	37.48 lb(US) (17 kg)
Width	8.5 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)
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Ambient air temperature for storage	-40...158 °F (-40...70 °C)
IP degree of protection	IP21 on top IP20
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...4000 m with current derating 1 % per 100 m <= 3280.84 ft (1000 m) without derating

Ordering and shipping details

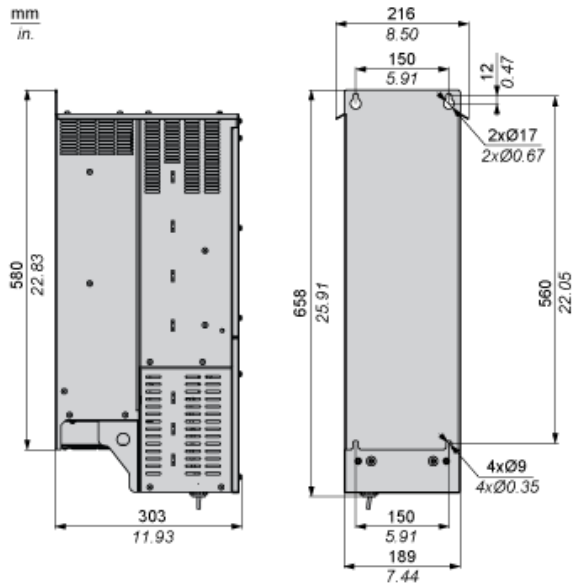
Category	22276 - ATV930 FRAMES 1 & 2
Discount Schedule	CP4E
GTIN	00785901010555
Nbr. of units in pkg.	1
Package weight(Lbs)	47.399999999999999
Returnability	Y
Country of origin	CN

Offer Sustainability

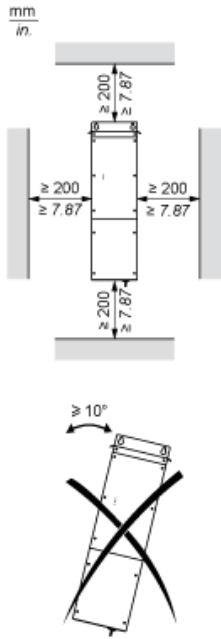
RoHS (date code: YYWW)	Compliant - since 1545 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
----- Substance 2	Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Dimensions

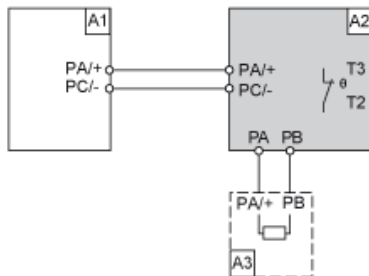
Left Side and Rear View



Mounting and Clearance



Recommended Schema



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