



## Main

|                                     |  |
|-------------------------------------|--|
| Range Compatibility                 | Altivar&nbsp;Process ATV900  |
| Product compatibility               | Variable speed drive ATV930 without braking chopper 110 kW 380...480 V<br>Variable speed drive ATV930 without braking chopper 130 kW 380...480 V<br>Variable speed drive ATV930 without braking chopper 160 kW 380...480 V |
| Thermal losses                      | 400 W  |
| Minimum resistor value to associate | 2.5 Ohm  |
| Protection type                     | Integrated thermal protection thermal probe  |

## Complementary

|                         |  |
|-------------------------|--|
| Maximum braking power   | 160 kW   |
| Permanent braking power | 100 kW at constant power and at engage threshold)  |
| Load factor             | 0.05 320 kW at constant power and at engage threshold<br>0.15 250 kW at constant power and at engage threshold<br>0.5 200 kW at constant power and at engage threshold<br>1 160 kW at constant power and at engage threshold |
| Activation threshold    | 780 V DC +/- 1 %   |
| Maximum DC bus voltage  | 850 V  |
| Width                   | 8.5 in (216 mm)  |
| Height                  | 25.9 in (658 mm)   |
| Depth                   | 11.9 in (303 mm)   |
| Net Weight              | 37.5 lb(US) (17 kg)  |
| Volume of cooling air   | 43853.3 Gal/hr(US) (166 m3/h)  |
| Operating position      | Vertical +/- 10 degree   |
| Mechanical robustness   | Vibrations class 3M4 IEC 60721-3-3   |

## Environment

|                                       |  |
|---------------------------------------|--|
| IP degree of protection               | IP20<br>IP21 on top)   |
| Operating altitude                    | <= 3280.84 ft (1000 m) without derating<br>3280.84...13123.36 ft (1000...4000 m) with current derating 1 % per 100 m |
| Ambient Air Temperature for Operation | 14...122 °F (-10...50 °C)  |
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)   |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US1CP4E22278  |
| Discount Schedule | CP4E          |
| GTIN              | 3606485435824 |
| Returnability     | No            |
| Country of origin | CN            |

## Packing Units

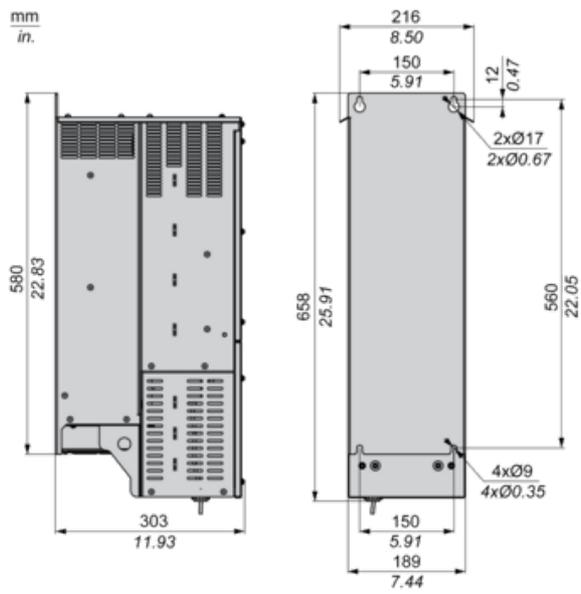
|                              |                           |
|------------------------------|---------------------------|
| Unit Type of Package 1       | PCE                       |
| Number of Units in Package 1 | 1                         |
| Package 1 Height             | 10.039 in (25.500 cm)     |
| Package 1 Width              | 18.504 in (47.000 cm)     |
| Package 1 Length             | 27.953 in (71.000 cm)     |
| Package 1 Weight             | 59.525 lb(US) (27.000 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 <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   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information | <a href="#">Yes</a>   |

Dimensions

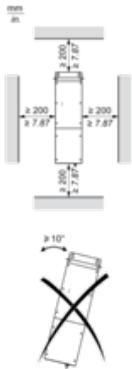
Left Side and Rear View



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Mounting and Clearance

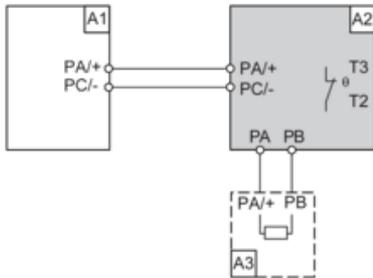
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Recommended Schema

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