

Product data sheet

Specifications



braking unit, Altivar, 100kW, 400/480V, for variable speed drive

VW3A7105

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 3,780.00 USD

Main

| | |
|-------------------------------------|--|
| Range Compatibility | Altivar Process ATV900 |
| 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 |
| 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 0.15 250 kW at constant power and at engage threshold 0.5 200 kW at constant power and at engage threshold 1 160 kW at constant power and at engage threshold |
| Activation Threshold | 780 V DC +/- 1 % |
| Maximum Dc Bus Voltage | 850 V |
| Width | 8.50 in (216 mm) |
| Height | 25.91 in (658 mm) |
| Depth | 11.93 in (303 mm) |
| Net Weight | 37.48 lb(US) (17 kg) |
| Volume Of Cooling Air | 43853.35 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 IP21 on top) |
| Operating Altitude | <= 3280.84 ft (1000 m) without derating 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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

| | |
|-------------------|---------------|
| 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 | 10.04 in (25.500 cm) |
| Package 1 Width | 18.50 in (47.000 cm) |
| Package 1 Length | 27.95 in (71.000 cm) |
| Package 1 Weight | 59.52 lb(US) (27.000 kg) |

Sustainability





Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

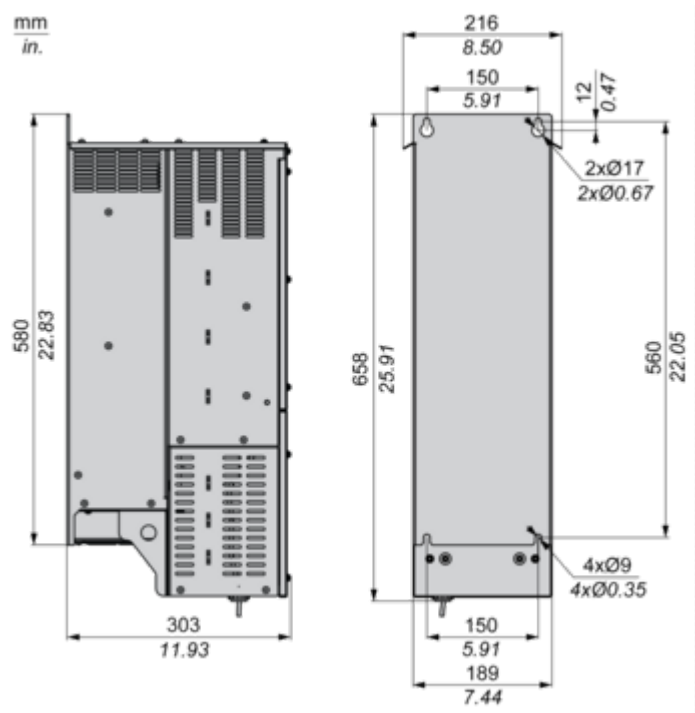
Well-being performance

| | |
|--|---|
|  Reach Free Of Svhc | |
|  Toxic Heavy Metal Free | |
|  Mercury Free | |
|  Rohs Exemption Information | Yes |
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| China Rohs Regulation | China RoHS declaration |
| 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 |

Dimensions Drawings

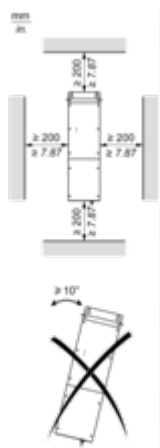
Dimensions

Left Side and Rear View



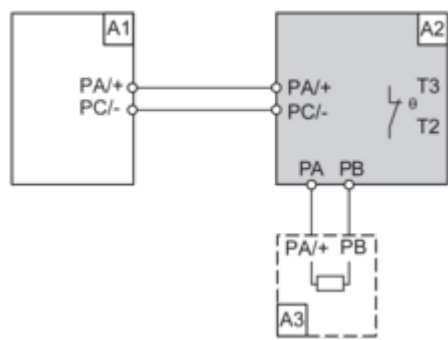
Mounting and Clearance

Mounting and Clearance



Connections and Schema

Recommended Schema



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