



Main

| | |
|--------------------------------|-----------------------------|
| Range Compatibility | Altivar Process ATV900 |
| Product or Component Type | Braking resistor |
| Ohmic value | 1.4 Ohm |
| [Ue] rated operational voltage | 24 V DC 250 V AC |

Complementary

| | |
|-------------------------|---|
| Product compatibility | Variable speed drive ATV930 wall mount 55 kW 200...240 V severe cycle Variable speed drive ATV930 wall mount 75 kW 200...240 V severe cycle Variable speed drive ATV930 wall mount 220 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 250 kW 380...480 V medium cycle Variable speed drive ATV930 wall mount 310 kW 380...480 V medium cycle |
| Duty cycle | Severe cycle (heavy duty) <54 s braking with 100 % braking torque for a 120 s cycle Severe cycle (heavy duty) <6 s braking with 165 % braking torque for a 120 s cycle Severe cycle (heavy duty) <6 s braking with 150 % braking torque for a 120 s cycle variable speed drive power = 220 kW Severe cycle (heavy duty) <6 s braking with 150 % braking torque for a 120 s cycle variable speed drive power = 250 kW Severe cycle (heavy duty) <6 s braking with 150 % braking torque for a 120 s cycle variable speed drive power = 315 kW |
| Average power available | 29 kW 122 °F (50 °C) |
| Electrical connection | Terminal <= 2.5 mm ² / AWG 12 temperature control switch M12 bar wire drive |
| Protection type | Thermal protection via drive or temperature control switch 120 °C |
| Width | 21.3 in (540 mm) |
| Height | 50.6 in (1285 mm) |
| Depth | 41.7 in (1060 mm) |
| Net Weight | 266.8 lb(US) (121 kg) |

Environment

| | |
|---------------------------------------|----------------------------|
| IP Degree of Protection | IP23 |
| Ambient Air Temperature for Storage | -13...158 °F (-25...70 °C) |
| Ambient Air Temperature for Operation | 32...122 °F (0...50 °C) |

Ordering and shipping details

| | |
|-------------------|---------------|
| Category | US1CP4E22209 |
| Discount Schedule | CP4E |
| GTIN | 3606480802492 |
| Returnability | No |
| Country of origin | DE |

Packing Units

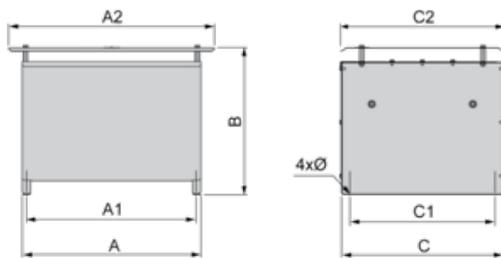
| | |
|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 50.6 in (128.5 cm) |
| Package 1 Width | 21.3 in (54.0 cm) |
| Package 1 Length | 41.7 in (106.0 cm) |
| Package 1 Weight | 328.5 lb(US) (149.0 kg) |

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 www.P65Warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |

Dimensions

Right Side and Front View



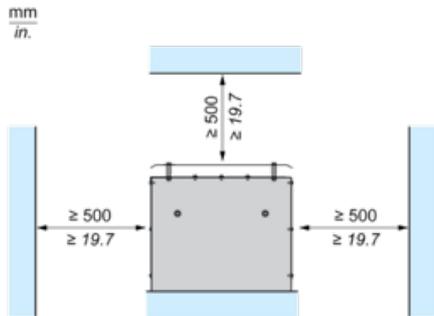
Dimensions in mm

| A | B | C | A1 | C1 | A2 | C2 | Ø |
|-----|------|-----|-----|-----|------|-----|--------|
| 940 | 1285 | 485 | 920 | 380 | 1060 | 540 | 9 x 12 |

Dimensions in in.

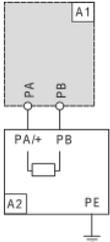
| A | B | C | A1 | C1 | A2 | C2 | Ø |
|-------|-------|-------|-------|-------|-------|-------|-------------|
| 37.00 | 50.59 | 19.09 | 36.22 | 14.96 | 41.73 | 21.26 | 0.35 x 0.47 |

Clearances



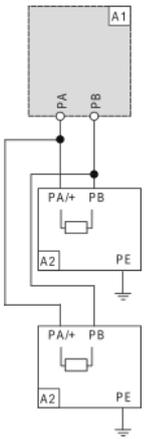
Recommended Schema

1 Braking Resistor



A1 : Drive or external braking unit
A2 : Braking resistor
PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit
A2 : Braking resistor
PA, PB : Bus DC