# Product data sheet

Specifications

## Circuit breaker, PowerPacT Q, 100A, 3 pole, 240VAC, 100kA, I-Line, thermal magnetic, 80%, ABC

QJA32100

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

**Price*: 3,245.00 USD**

## Main

| | |
|---|---|
| **Range** | PowerPact |
| **Product Name** | PowerPact Q |
| **Product Or Component Type** | Circuit breaker |
| **Device Application** | Distribution |

## Complementary

| | |
|---|---|
| **Line Rated Current** | 100 A |
| **Number Of Poles** | 3P |
| **Control Type** | Operating handle |
| **Breaking Capacity Code** | J |
| **Breaking Capacity** | 100 kA 120/208 V AC 50/60 Hz UL |
| **[Ue] Rated Operational Voltage** | 240 V AC 50/60 Hz UL |
| **Network Frequency** | 50/60 Hz |
| **[Uimp] Rated Impulse Withstand Voltage** | 8 kV UL |
| **Trip Unit Technology** | Thermal-magnetic |
| **Magnetic Tripping Current** | 2400 A |
| **Magnetic Hold Current** | 1200 A |
| **Continuous Current Rating** | 80 % |
| **Utilisation Category** | Category A |
| **Mechanical Durability** | 1000 cycles loaded<br>5000 cycles no load |
| **Local Signalling** | 1 trip indicator green) |
| **Mounting Mode** | I-Line bracket) |
| **Mounting Support** | Bracket |
| **Electrical Connection** | I-Line connection, line<br>Lugs, load |
| **Mounting Height** | 4.5 in (114.30 mm) |
| **Tightening Torque** | 247.82 lbf.in (28 N.m) 0.04…0.23 in² (25…150 mm²) (AWG 4...300 kcmil) |
| **Power Wire Stripping Length** | 0.87 in (22 mm) |
| **Height** | 6.47 in (164.34 mm) |
| **Width** | 4.5 in (114.30 mm) |

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

| | |
|---|---|
| **Depth** | 3.93 in (99.82 mm) |
| **Phase Connection** | ABC |

## Environment

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|---|---|
| **Standards** | UL<br>CSA<br>NEMA<br>NOM-003-SCFI-2000 |
| **Product Certifications** | UL<br>CSA<br>NOM |
| **Ambient Air Temperature For Operation** | 104…158 °F (40…70 °C) |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US10DE201023 |
| **Discount Schedule** | 0DE2 |
| **Gtin** | 785901705628 |
| **Returnability** | Yes |
| **Country Of Origin** | US |

## Packing Units

| | |
|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 5.69 in (14.445 cm) |
| **Package 1 Width** | 7.50 in (19.05 cm) |
| **Package 1 Length** | 12.31 in (31.275 cm) |
| **Package 1 Weight** | 6.65 lb(US) (3.015 kg) |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 18 months |

## 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-$CO_2$ 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 >

Transparency RoHS/REACh

## Well-being performance

| | |
|---|---|
| Mercury Free | |
| Rohs Exemption Information | Yes |
| Pvc Free | |
| Halogen Free Product | |

## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant with Exemptions |
| **China Rohs Regulation** | China RoHS declaration<br>Product out of China RoHS scope. Substance declaration for your information. |
| **Environmental Disclosure** | Product Environmental Profile |
| **Circularity Profile** | No need of specific recycling operations |
| **California Proposition 65** | WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |