

BJL36025

Circuit breaker, PowerPacT B, 25A, 3 pole, 600Y/347VAC, 25kA, lugs, thermal magnetic, 80%



Main

| | |
|---------------------------|-----------------|
| Range | PowerPact |
| Product name | PowerPact B |
| Device short name | BJ 025 |
| Product or Component Type | Circuit breaker |
| Device Application | Distribution |

Complementary

| | |
|--|--|
| Line Rated Current | 25 A |
| Number of Poles | 3P |
| Control type | Toggle |
| Breaking capacity code | J |
| Breaking capacity | 100 KA 208Y/120 V AC 50/60 Hz UL 489 100 KA 240 V AC 50/60 Hz UL 489 65 KA 480/277 V AC 50/60 Hz UL 489 65 KA 480 V AC 50/60 Hz UL 489 25 KA 600Y/347 V AC 50/60 Hz UL 489 50 kA 250 V DC UL 489 |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz UL 489 |
| Network Frequency | 50/60 Hz |
| [Ics] rated service breaking capacity | 100 KA 220...240 V AC 50/60 Hz IEC 60947-2 25 KA 500...525 V AC 50/60 Hz IEC 60947-2 10 KA 690 V AC 50/60 Hz IEC 60947-2 65 KA 380...415 V AC 50/60 Hz IEC 60947-2 65 kA 440 V AC 50/60 Hz IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 8 kV IEC 60947-2 |
| Trip unit technology | Thermal-magnetic |
| Continuous current rating | 80 % |
| [Ui] rated insulation voltage | 800 V IEC 60947-2 |
| Suitability for isolation | Yes IEC 60947-2 |
| Utilisation category | Category A |
| Mechanical durability | 20000 cycles IEC 947-1 Annex K ed 5.2 |
| Electrical durability | 10000 cycles IEC 947-1 Annex K ed 5.2 440 V In |
| Connection pitch | 1.06 in (27 mm) |
| AWG gauge | AWG 6...AWG 2/0 fine stranded aluminium/copper AWG 14...AWG 3/0 rigid or stranded aluminium/copper |
| Local signalling | Presence of auxiliary contacts flag green) |
| Mounting mode | Clip-on 35 x 15 mm symmetrical DIN rail) By screws plate) |
| Electrical connection | Everlink lug line Everlink lug load |
| Tightening torque | 44.25 Lbf.in (5 N.m) 0.00...0.02 in ² (2.5...16 mm ²) (AWG 14...AWG 4) 79.66 lbf.in (9 N.m) 0.04...0.15 in ² (25...95 mm ²) (AWG 3...AWG 3/0) |

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|-----------------------------|---|
| Number of slots | 1 auxiliary switch OF plug-in 1 voltage release MN or MX plug-in 1 alarm switch SD plug-in) |
| Power wire stripping length | 0.79 in (20 mm) |
| Color | Gray RAL 7016) |
| 9 mm pitches | 9 |
| Height | 5.39 in (137 mm) |
| Width | 3.19 in (81 mm) |
| Depth | 3.15 in (80 mm) |
| Net Weight | 2.37 lb(US) (1.074 kg) |
| Quantity per Set | Set of 1 |
| Circuit breaker application | HACR rated |

Environment

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|---------------------------------------|---|
| Quality labels | CE |
| Standards | EN/IEC 60947-2 EN/IEC 60947-5-1 CSA C22.2 No 5 GB 14048.2 UL 489 NMX J-266 NEMA AB1 |
| Product certifications | UL IEC CCC EAC CSA NOM |
| IP degree of protection | Front cover IP40 IEC 60529 |
| IK degree of protection | IK07 IEC 62262 |
| Pollution degree | 3 IEC 60947-1 |
| Ambient Air Temperature for Operation | -13...158 °F (-25...70 °C) |
| Ambient Air Temperature for Storage | -58...185 °F (-50...85 °C) |
| Operating altitude | < 6561.68 ft (2000 m) without derating 5000 m with derating |




Ordering and shipping details



| | |
|-------------------|---------------------------------------|
| Category | 01132-BJ/BK UNIT MOUNT BREAKER/SWITCH |
| Discount Schedule | DE2 |
| GTIN | 785901078517 |
| Returnability | No |
| Country of origin | US |

Packing Units

| | |
|------------------------------|------------------------|
| Unit Type of Package 1 | Db |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 5.39 in (13.7 cm) |
| Package 1 Width | 4.01 in (10.19 cm) |
| Package 1 Length | 3.19 in (8.1 cm) |
| Package 1 Weight | 2.60 lb(US) (1.179 kg) |

Offer Sustainability

| | |
|---------------------------|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov |
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Compliant  EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |

| | |
|-----------------------------|---|
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |
| PVC free | Yes |
| Halogen content performance | Halogen free product |