



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



Main

| | |
|---------------------------|-----------------|
| Range | PowerPact |
| Product name | PowerPact B |
| Device short name | BJ 040 |
| Product or component type | Circuit breaker |
| Device application | Distribution |

Complementary

| | |
|--|---|
| Line Rated Current | 40 A |
| Number of Poles | 2P |
| 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 |
| [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 2.5 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 |
| [Ui] rated insulation voltage | 800 V IEC 60947-2 |
| Trip unit technology | Thermal-magnetic |
| 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) |
| 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 load Terminal nut line |
| AWG gauge | AWG 6...AWG 2/0 fine stranded aluminium/copper AWG 14...AWG 3/0 rigid or stranded aluminium/copper |
| 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) |
| Number of slots | 1 auxiliary switch OF plug-in) 1 voltage release MN or MX plug-in) |
| Power wire stripping length | 0.79 in (20 mm) |
| Color | Grey RAL 7016) |

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|---------------------------|------------------------|
| 9 mm pitches | 6 |
| Height | 5.39 in (137 mm) |
| Width | 2.13 in (54 mm) |
| Depth | 3.15 in (80 mm) |
| Product weight | 1.70 lb(US) (0.769 kg) |
| Quantity per set | Set of 1 |
| Continuous current rating | 80 % |

Environment

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|---------------------------------------|---|
| Quality labels | CE |
| Standards | CSA C22.2 No 5 GB 14048.2 NMX J-266 NEMA AB1 EN/IEC 60947-5-1 EN/IEC 60947-2 UL 489 |
| 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

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|---------------------|---|
| Category | 01132 - BJ/BK UNIT MOUNT BREAKER/SWITCH |
| Discount Schedule | DE2 |
| Package weight(Lbs) | 0.95 kg (2.09 lb(US)) |
| Returnability | Yes |
| Country of origin | US |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |