

Product data sheet

Characteristics

BJL36020LU

Circuit breaker, PowerPacT B, 20 A, 3 pole, 25 kA, 600Y/347 V AC, UL, Everlink, control wire ON end



Price*: 1865.00 USD



Main

| | |
|---------------------------|-----------------|
| Range | PowerPact |
| Product name | PowerPact B |
| Device short name | BJ 020 |
| Product or Component Type | Circuit breaker |
| Device Application | Distribution |

Complementary

| | |
|--|---|
| Line Rated Current | 20 A |
| Poles description | 3P |
| Protected poles description | 3t |
| 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 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 |
| Trip unit technology | Thermal-magneticTM-D, |
| Continuous current rating | 80 % |
| [Ui] rated insulation voltage | 800 V IEC 60947-2 |
| Trip unit name | TM-D |
| Suitability for isolation | Yes conforming to IEC 60947-2 |
| Utilisation category | Category A |

| | |
|-----------------------|--|
| Mechanical durability | 15000 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 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) |
| Number of slots | 1 auxiliary switch OF plug-in) 1 voltage release MN or MX plug-in) 1 alarm switch SD plug-in) |
| Wire stripping length | 0.79 In (20 mm) |
| Color | Grey (RAL 7016) |
| 9 mm pitches | 9 |
| Maximum Height | 5.39 In (137 mm) |
| Maximum Width | 3.19 In (81 mm) |
| Maximum Depth | 3.15 In (80 mm) |
| Net Weight | 2.37 Lb(US) (1.074 kg) |
| Quantity per Set | Set of 1 |

Environment

| | |
|---------------------------------------|---|
| Quality labels | CE |
| Standards | NEMA AB1 GB 14048.2 CSA C22.2 No 5 EN/IEC 60947-5-1 UL 489 EN/IEC 60947-2 NMX J-266 |
| Product certifications | UL IEC CCC EAC CSA NOM |
| IP degree of protection | Front cover IP40 IEC 60529 |
| IK degree of protection | IK07 conforming to 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 | 03606481149664 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 2.60 Lb(US) (1.179 kg) |
| Returnability | No |
| Country of origin | US |

Packing Units

| | |
|------------------------|---------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 4.70 In (11.938 cm) |
| Package 1 width | 3.30 In (8.382 cm) |
| Package 1 Length | 8.10 In (20.574 cm) |

Offer Sustainability

| | |
|-----------------------------|--|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: DIN-P, which is known to the State of California to cause cancer, and DID-P, 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 |
| 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 |
| 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 |

Product Life Status : **Commercialised**