

Product data sheet

Characteristics

BDL26090LW

PowerPact B Circuit Breaker, 90A, 2P,
14kA@600Y/347 V (UL), Control Wire

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



Price** : 1,178.00 USD



Main

| | |
|--------------------------------|-----------------|
| Range | PowerPact |
| Product name | PowerPact B |
| Device short name | BD 090 |
| Product or component type | Circuit breaker |
| Device application | Distribution |
| Accessory / separate part type | Control wire |

Complementary

| | |
|--|---|
| Number of Poles | 2P |
| Control type | Toggle |
| Breaking capacity code | D |
| Breaking capacity | 25 kA 208Y/120 V AC 50/60 Hz UL 489 25 kA 240 V AC 50/60 Hz UL 489 18 kA 480/277 V AC 50/60 Hz UL 489 18 kA 480 V AC 50/60 Hz UL 489 14 kA 600Y/347 V AC 50/60 Hz UL 489 10 kA 250 V DC UL 489 |
| [Ue] rated operational voltage | 525 V AC 50/60 Hz UL 489 |
| [Ics] rated service breaking capacity | 25 kA 220...240 V AC 50/60 Hz IEC 60947-2 14 kA 500...525 V AC 50/60 Hz IEC 60947-2 18 kA 380...415 V AC 50/60 Hz IEC 60947-2 18 kA 440 V AC 50/60 Hz IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 8 kV IEC 60947-2 |
| [Ui] rated insulation voltage | IEC 60947-2 |
| Trip unit technology | Thermal-magnetic |
| Suitability for isolation | Yes IEC 60947-2 |
| Utilisation category | Category A |
| Mechanical durability | IEC 947-1 Annex K ed 5.2 |

| | |
|---------------------------|--|
| Electrical durability | 10000 cycles IEC 947-1 Annex K ed 5.2 440 V In |
| 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 |
| AWG gauge | AWG 6...AWG 2/0 fine stranded copper AWG 14...AWG 3/0 rigid or stranded 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 | auxiliary switch OF plug-in) voltage release MN or MX plug-in) |
| Color | Gray RAL 7016) |
| Quantity per set | Set of 1 |
| Continuous current rating | 80 % |

Environment

| | |
|-------------------------|---|
| Quality labels | CE |
| Standards | EN/IEC 60947-5-1 CSA C22.2 No 5 EN/IEC 60947-2 NEMA AB1 UL 489 GB 14048.2 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 IEC 62262 |
| Pollution degree | 3 IEC 60947-1 |
| Operating altitude | < 6561.68 ft (2000 m) without derating 5000 m with derating |

Ordering and shipping details

| | |
|---------------------|--------------------------------------|
| Category | 01130 - BD UNIT MOUNT BREAKER/SWITCH |
| Discount Schedule | DE2 |
| Package weight(Lbs) | 2.09 lb(US) (0.95 kg) |
| Returnability | No |
| Country of origin | US |