Product data sheet Characteristics

BDA36030 PowerPact - circuit breaker - 30A 3P AC 18kA at 600Y/347V (UL) - I-Line

Product availability : Stock - Normally stocked in distribution facility



Price* : 1,012.00 USD



Main

| Range | PowerPact | |
|---------------------------|-----------------|--|
| Product name | PowerPact B | |
| Device short name | BD 030 | |
| Product or component type | Circuit breaker | |
| Device application | Distribution | |

Complementary

| | | r snecific user applications |
|--|--|--|
| Main | | ucts fo |
| Range | PowerPact | prod |
| Product name | PowerPact B | hese |
| Device short name | BD 030 | v of t |
| Product or component type | Circuit breaker | liabilit |
| Device application | Distribution | orre |
| Complementary | | וחס suitability |
| Line Rated Current | 30 A | |
| Number of Poles | 3P | r dete |
| Protected poles description | 3t | ed fo |
| Control type | Toggle | nsi Ne US |
| Breaking capacity code | D | t to t |
| Breaking capacity | 25 kA at 240 V AC 50/60 Hz according to UL 489 14 kA at 600 V AC 50/60 Hz according to UL 489 18 kA at 600Y/347 V AC 50/60 Hz according to UL 489 20 kA at 250 V DC 50/60 Hz according to UL 489 Icu : 25 kA at 480/277 V AC 50/60 Hz according to IEC 60947-2 25 kA at 480 V AC 50/60 Hz according to UL 489 18 kA at 125 V DC 50/60 Hz according to UL 489 18 kA at 250 V DC 50/60 Hz according to UL 489 | 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 |
| System Voltage | 240 V AC 50/60 Hz according to IEC 60947-2 347 V AC 50/60 Hz according to UL 489 125 V DC 50/60 Hz according to UL 489 250 V DC 50/60 Hz according to UL 489 | tion is not intend |
| [Ics] rated service breaking capacity | 25 kA: at 220240 V AC 50/60 Hz according to IEC 60947-2 18 kA: at 380415 V AC 50/60 Hz according to IEC 60947-2 18 kA: at 440 V AC 50/60 Hz according to IEC 60947-2 14 kA: at 500525 V AC 50/60 Hz according to IEC 60947-2 | This documentat |
| [Uimp] rated impulse withstand voltage | 8 kV according to IEC 60947-2 | |
| [Ui] rated insulation voltage | 800 V according to IEC 60947-2 | isclaii |
| | | |



| Trip unit technology | Thermal-magnetic |
|-----------------------------|--|
| Trip unit name | TM-D |
| Suitability for isolation | Yes according to IEC 60947-2 |
| Utilisation category | Category A |
| Mechanical durability | 20000 cycles according to IEC 947-1 Annex K ed 5.2 |
| Electrical durability | 10000 cycles according to IEC 947-1 Annex K ed 5.2 In at 440 V |
| Connection pitch | 1.06 in (27 mm) |
| Local signalling | Green flag presence of auxiliary contacts |
| Mounting mode | I-Line |
| Electrical connection | I-Line connection at line Lugs at load |
| AWG gauge | AWG 14AWG 2/0 (aluminium/copper) |
| Mounting height | 4.49 in (114 mm) |
| Tightening torque | 3.64.4 N.m 00.01 in² (2.56 mm²) (AWG 14AWG 10) 56.2 N.m 0.020.11 in² (1070 mm²) (AWG 8AWG 2/0) |
| 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 | Grey (RAL 7016) |
| 9 mm pitches | 9 |
| Height | 5.39 in (137 mm) |
| Width | 3.19 in (81 mm) |
| Depth | 3.5 in (89 mm) |
| Product weight | 2.9 lb(US) (1.315 kg) |
| Quantity per set | Set of 1 |
| Phase connection | ABC |
| Continuous current rating | 80 % |

Environment

| Quality labelsCEStandardsEN/IEC 60947-2 EN/IEC 60947-5-1 GB 14048.2 NEMA AB1 UL 489 CSA C22.2 No 5 NMX J-266Product certificationsUL CSA CCC EAC CCC EAC EAC NOM IECIP degree of protectionIP40 (front cover) according to IEC 60529IK degree of protectionIK07 according to IEC 60529IK degree of protection1K07 according to IEC 60529IK degree of protection-13158 °F (-2570 °C)Ambient air temperature for operation-13158 °F (-5085 °C)Operating altitudeWith derating Without derating | Linvironment | |
|---|---------------------------------------|--|
| EN/IEC 60947-5-1 GB 14048.2 NEMA AB1 UL 489 CSA C22.2 No 5 NMX J-266Product certificationsUL CSA CCC EAC NOM IECIP degree of protectionIP40 (front cover) according to IEC 60529IK degree of protectionIP40 (front cover) according to IEC 60529IK degree of protectionIK07 according to IEC 60947-1Ambient air temperature for operation-13158 °F (-2570 °C)Ambient air temperature for storage-58185 °F (-5085 °C)Operating altitudeWith derating | Quality labels | CE |
| CSA CCC EAC NOM IECIP degree of protectionIP40 (front cover) according to IEC 60529IK degree of protectionIK07 according to IEC 62262Pollution degree3 according to IEC 60947-1Ambient air temperature for operation-13158 °F (-2570 °C)Ambient air temperature for storage-58185 °F (-5085 °C)Operating altitudeWith derating | Standards | EN/IEC 60947-5-1 GB 14048.2 NEMA AB1 UL 489 CSA C22.2 No 5 |
| IK degree of protection IK07 according to IEC 62262 Pollution degree 3 according to IEC 60947-1 Ambient air temperature for operation -13158 °F (-2570 °C) Ambient air temperature for storage -58185 °F (-5085 °C) Operating altitude With derating | Product certifications | CSA CCC EAC NOM |
| Pollution degree 3 according to IEC 60947-1 Ambient air temperature for operation -13158 °F (-2570 °C) Ambient air temperature for storage -58185 °F (-5085 °C) Operating altitude With derating | IP degree of protection | IP40 (front cover) according to IEC 60529 |
| Ambient air temperature for operation -13158 °F (-2570 °C) Ambient air temperature for storage -58185 °F (-5085 °C) Operating altitude With derating | IK degree of protection | IK07 according to IEC 62262 |
| Ambient air temperature for storage -58185 °F (-5085 °C) Operating altitude With derating | Pollution degree | 3 according to IEC 60947-1 |
| Operating altitude With derating | Ambient air temperature for operation | -13158 °F (-2570 °C) |
| | Ambient air temperature for storage | -58185 °F (-5085 °C) |
| | Operating altitude | |

Ordering and shipping details

| Category | 01133 - BDA I-LINE BREAKER |
|-----------------------|----------------------------|
| Discount Schedule | DE2 |
| GTIN | 003606481152565 |
| Nbr. of units in pkg. | 1 |

| Package weight(Lbs) | 3.82000000000003 |
|---------------------|------------------|
| Returnability | Y |
| Country of origin | MX |

Offer Sustainability

| Sustainable offer status | Green Premium product | |
|----------------------------------|--|--|
| RoHS (date code: YYWW) | Compliant - since 1644 - Schneider Electric declaration of conformity | |
| | Schneider Electric declaration of conformity | |
| REACh | Reference not containing SVHC above the threshold | |
| | Reference not containing SVHC above the threshold | |
| Product environmental profile | Available | |
| Product end of life instructions | Need no specific recycling operations | |
| California proposition 65 | WARNING: This product can expose you to chemicals including: | |
| Substance 1 | DINP, which is known to the State of California to cause cancer, and | |
| Substance 2 | DIDP, which is known to the State of California to cause Birth Defects or other reproductive harm. | |
| More information | For more information go to www.p65warnings.ca.gov | |