



## Main

|                           |                 |
|---------------------------|-----------------|
| Range                     | PowerPact       |
| Product name              | PowerPact B     |
| Device short name         | BJ 035          |
| Product or component type | Circuit breaker |
| Device application        | Distribution    |

## Complementary

|                                        |                                                                                                                                                                                                                                     |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Line Rated Current                     | 35 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<br>100 KA 240 V AC 50/60 Hz UL 489<br>65 KA 480/277 V AC 50/60 Hz UL 489<br>65 KA 480 V AC 50/60 Hz UL 489<br>25 KA 600Y/347 V AC 50/60 Hz UL 489<br>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<br>25 KA 500...525 V AC 50/60 Hz IEC 60947-2<br>10 KA 690 V AC 50/60 Hz IEC 60947-2<br>65 KA 380...415 V AC 50/60 Hz IEC 60947-2<br>65 kA at 440 V AC 50/60 Hz conforming to 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)<br>By screws plate)                                                                                                                                                                        |
| Electrical connection                  | Everlink lug line<br>Everlink lug load                                                                                                                                                                                              |
| AWG gauge                              | AWG 6...AWG 2/0 fine stranded aluminium/copper<br>AWG 14...AWG 3/0 rigid or stranded aluminium/copper                                                                                                                               |
| Tightening torque                      | 44.25 Lbf.in (5 N.m) 0.00...0.02 in <sup>2</sup> (2.5...16 mm <sup>2</sup> ) AWG 14...AWG 4)<br>79.66 lbf.in (9 N.m) 0.04...0.15 in <sup>2</sup> (25...95 mm <sup>2</sup> ) AWG 3...AWG 3/0)                                        |
| Number of slots                        | 1 auxiliary switch OF plug-in)<br>1 voltage release MN or MX plug-in)<br>1 alarm switch SD plug-in)                                                                                                                                 |
| Power wire stripping length            | 0.79 in (20 mm)                                                                                                                                                                                                                     |
| Color                                  | Gray RAL 7016)                                                                                                                                                                                                                      |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                           |                        |
|---------------------------|------------------------|
| 9 mm pitches              | 9                      |
| Height                    | 5.39 in (137 mm)       |
| Maximum 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               |
| Continuous current rating | 80 %                   |

## Environment

|                                       |                                                                                                       |
|---------------------------------------|-------------------------------------------------------------------------------------------------------|
| Quality labels                        | CE                                                                                                    |
| Standards                             | UL 489<br>NEMA AB1<br>EN/IEC 60947-2<br>CSA C22.2 No 5<br>EN/IEC 60947-5-1<br>GB 14048.2<br>NMJ J-266 |
| Product certifications                | UL<br>IEC<br>CCC<br>EAC<br>CSA<br>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<br>5000 m with derating                                        |

## Ordering and shipping details

|                       |                                         |
|-----------------------|-----------------------------------------|
| Category              | 01132 - BJ/BK UNIT MOUNT BREAKER/SWITCH |
| Discount Schedule     | DE2                                     |
| GTIN                  | 00785901078531                          |
| Nbr. of units in pkg. | 1                                       |
| Package weight(Lbs)   | 2.6 lb(US) (1.18 kg)                    |
| Returnability         | No                                      |
| Country of origin     | US                                      |

## Offer Sustainability

|                             |                                                                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status    | Green Premium product                                                                                                             |
| California proposition 65   | WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov                                                                    |
| REACH Regulation            |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive           | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free                | Yes                                                                                                                               |
| RoHS exemption information  |  <a href="#">Yes</a>                           |
| China RoHS Regulation       |  <a href="#">China RoHS Declaration</a>        |
| Environmental Disclosure    |  <a href="#">Product Environmental Profile</a> |
| 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                                                                                                              |