

# BJL26040

Circuit breaker, PowerPacT B, 40A, 2 pole,  
600Y/347VAC, 25kA, lugs, thermal magnetic,  
80%



## 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<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                                                                                                                                                                                            |
| Network Frequency                      | 50/60 Hz                                                                                                                                                                                                            |
| [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>2.5 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 440 V AC 50/60 Hz IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 8 kV IEC 60947-2                                                                                                                                                                                                    |
| Trip unit technology                   | Thermal-magnetic                                                                                                                                                                                                    |
| Continuous current rating              | 80 %                                                                                                                                                                                                                |
| [Ui] rated insulation voltage          | 800 V IEC 60947-2                                                                                                                                                                                                   |
| 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)                                                                                                                                                                                                     |
| AWG gauge                              | AWG 6...AWG 2/0 fine stranded aluminium/copper<br>AWG 14...AWG 3/0 rigid or stranded aluminium/copper                                                                                                               |
| 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                                                                                                                                                                              |
| 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)                                                                                                                                               |

|                             |                        |
|-----------------------------|------------------------|
| Power wire stripping length | 0.79 in (20 mm)        |
| Color                       | Gray RAL 7016)         |
| 9 mm pitches                | 6                      |
| Height                      | 5.39 in (137 mm)       |
| Width                       | 2.13 in (54 mm)        |
| Depth                       | 3.15 in (80 mm)        |
| Net Weight                  | 1.70 lb(US) (0.769 kg) |
| Quantity per Set            | Set of 1               |
| Circuit breaker application | HACR rated             |

## Environment

|                                       |                                                                                                       |
|---------------------------------------|-------------------------------------------------------------------------------------------------------|
| Quality labels                        | CE                                                                                                    |
| Standards                             | EN/IEC 60947-5-1<br>UL 489<br>NEMA AB1<br>CSA C22.2 No 5<br>GB 14048.2<br>NMX J-266<br>EN/IEC 60947-2 |
| 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 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              | 3606489779344                         |
| Returnability     | No                                    |
| Country of origin | MX                                    |

## Packing Units

|                              |                      |
|------------------------------|----------------------|
| Unit Type of Package 1       | PCE                  |
| Number of Units in Package 1 | 1                    |
| Package 1 Height             | 2.40 in (6.1 cm)     |
| Package 1 Width              | 4.70 in (11.938 cm)  |
| Package 1 Length             | 8.10 in (20.574 cm)  |
| Package 1 Weight             | 24.00 oz (680.389 g) |

## 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                                                                                                                               |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information |  <a href="#">Yes</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                                                                                                         |