

# Product data sheet

Specifications



Circuit breaker, PowerPacT B, 30A,  
2 pole, 600Y/347VAC, 14kA,  
terminal nut, thermal magnetic, 80%

BDF26030

## Main

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

## Complementary

|  |   |
|--|---|
| [In] rated current                     | 30 A  |
| Number of Poles                        | 2P  |
| Protected poles description            | 2t  |
| Control type                           | Toggle  |
| Breaking capacity code                 | D   |
| Breaking capacity                      | 25 kA at 208Y/120 V AC 50/60 Hz conforming to UL 489<br>18 kA at 240 V AC 50/60 Hz conforming to UL 489<br>Icu 25 kA at 480/277 V AC 50/60 Hz conforming to UL 489<br>Icu 14 kA at 480 V AC 50/60 Hz conforming to UL 489<br>18 kA at 600Y/347 V AC 50/60 Hz conforming to UL 489<br>14 kA at 250 V DC conforming to UL 489<br>25 kA<br>Icu 18 kA |
| [Ue] rated operational voltage         | 525 V AC 50/60 Hz conforming to UL 489  |
| Network frequency                      | 50/60 Hz  |
| [Ics] rated service breaking capacity  | 25 kA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2<br>14 kA at 500...525 V AC 50/60 Hz conforming to IEC 60947-2<br>18 kA at 380...415 V AC 50/60 Hz conforming to IEC 60947-2<br>18 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2  |
| [Uimp] rated impulse withstand voltage | 8 kV conforming to IEC 60947-2  |
| Trip unit technology                   | Thermal-magneticTM-D,   |
| Continuous current rating              | 80 %  |
| [Ui] rated insulation voltage          | 800 V conforming to 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 conforming to IEC 947-1 Annex K ed 5.2   |
| Electrical durability                  | 10000 cycles conforming to IEC 947-1 Annex K ed 5.2 at 440 V In   |
| Connection pitch                       | 27 mm   |

|                                    |  |
|------------------------------------|--|
| <b>AWG gauge</b>                   | AWG 14...AWG 8 aluminium/copper<br>AWG 6...AWG 3/0 aluminium/copper  |
| <b>Local signalling</b>            | Presence of auxiliary contacts: flag (green)   |
| <b>Mounting mode</b>               | Clip-on (35 mm symmetrical DIN rail)<br>By screws (plate)  |
| <b>Electrical connection</b>       | Terminal nut, ON and OFF end   |
| <b>Tightening torque</b>           | 5 N.m for 2.5...16 mm <sup>2</sup> (AWG 14...AWG 4)<br>9 N.m for 25...95 mm <sup>2</sup> (AWG 3...AWG 3/0) |
| <b>Number of slots</b>             | 1 slot(s) for auxiliary switch OF (plug-in)<br>1 slot(s) for voltage release MN or MX (plug-in)            |
| <b>Power wire stripping length</b> | 20 mm  |
| <b>Color</b>                       | Grey (RAL 7016)  |
| <b>9 mm pitches</b>                | 6  |
| <b>Height</b>                      | 137 mm   |
| <b>Width</b>                       | 54 mm  |
| <b>Depth</b>                       | 80 mm  |
| <b>Product weight</b>              | 0.669 kg   |
| <b>Quantity per set</b>            | Set of 1   |
| <b>Circuit breaker application</b> | HACR rated   |

## Environment

|  |   |
|--|---|
| <b>Quality labels</b>                        | CE  |
| <b>Standards</b>                             | NMX J-266<br>GB 14048.2<br>UL 489<br>CSA C22.2 No 5<br>EN/IEC 60947-2<br>NEMA AB1<br>EN/IEC 60947-5-1 |
| <b>Product certifications</b>                | UL<br>IEC<br>CCC<br>EAC<br>CSA<br>NOM   |
| <b>IP degree of protection</b>               | Front cover: IP40 conforming to IEC 60529   |
| <b>IK degree of protection</b>               | IK07 conforming to IEC 62262  |
| <b>Pollution degree</b>                      | 3 conforming to IEC 60947-1   |
| <b>Ambient air temperature for operation</b> | -25...70 °C   |
| <b>Ambient air temperature for storage</b>   | -50...85 °C   |
| <b>Operating altitude</b>                    | 2000 m without derating<br>5000 m with derating   |

## Packing Units

|                                     |           |
|-------------------------------------|-----------|
| <b>Unit Type of Package 1</b>       | PCE       |
| <b>Number of Units in Package 1</b> | 1         |
| <b>Package 1 Height</b>             | 6.096 cm  |
| <b>Package 1 Width</b>              | 11.938 cm |
| <b>Package 1 Length</b>             | 20.574 cm |

---

Package 1 Weight

680.389 g



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

|  <b>Environmental footprint</b> |   |
|--|---|
| Total lifecycle Carbon footprint   | 129   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a> |

### Use Better

|  <b>Materials and Substances</b> |   |
|---|---|
| Packaging made with recycled cardboard  | Yes   |
| Packaging without single use plastic  | Yes   |
| <a href="#">EU RoHS Directive</a>   | Compliant with Exemptions   |
| REACH Regulation  | <a href="#">REACH Declaration</a>   |
| California proposition 65   | <b>WARNING:</b> This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| Halogen-free status   | Halogen free product  |
| PVC free  | Yes   |

### Use Again

|  <b>Repack and remanufacture</b> |   |
|---|---|
| End of life manual availability   | No need of specific recycling operations  |
| Take-back   | No  |
| WEEE Label  |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |