



### Main

|                           |                 |
|---------------------------|-----------------|
| Range                     | PowerPact       |
| Product name              | PowerPact B     |
| Device short name         | BG 060          |
| Product or component type | Circuit breaker |
| Device application        | Distribution    |

### Complementary

|  |  |
|--|--|
| [In] rated current                     | 60 A   |
| Poles description                      | 2P   |
| Protected poles description            | 2t   |
| Control type                           | Toggle   |
| Mounting mode                          | Clip-on (35 mm symmetrical DIN rail)<br>By screws (plate)  |
| Network type                           | AC   |
| Network frequency                      | 50/60 Hz   |
| Breaking capacity code                 | G  |
| Breaking capacity                      | 65 KA at 240 V AC 50/60 Hz conforming to UL 489<br>35 KA at 480 V AC 50/60 Hz conforming to UL 489<br>Icu 65 kA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu 18 kA at 500...525 V AC 50/60 Hz conforming to IEC 60947-2<br>35 KA at 480Y/277 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>65 KA at 208Y/120 V AC 50/60 Hz conforming to UL 489<br>Icu 35 kA at 380...415 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu 35 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ue] rated operational voltage         | 690 V AC 50/60 Hz conforming to IEC 60947-2  |
| [Ics] rated service breaking capacity  | 65 KA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2<br>18 KA at 500...525 V AC 50/60 Hz conforming to IEC 60947-2<br>35 KA at 380...415 V AC 50/60 Hz conforming to IEC 60947-2<br>35 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 conforming to IEC 60947-2  |
| Trip unit technology                   | Thermal-magnetic   |
| Trip unit name                         | TM-D   |
| Trip unit protection functions         | LI   |
| Protection type                        | Overload protection (thermal)<br>Short-circuit protection (magnetic)   |
| Trip unit rating                       | 60 A at 40 °C  |
| Magnetic hold current                  | 640 A  |

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.

|                           |  |
|---------------------------|--|
| Magnetic tripping current | 960 A  |
| 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 for In at 440 V  |
| Connection pitch          | 27 Mm  |
| Local signalling          | Flag (green)presence of auxiliary contacts:  |
| Rotary handle padlocking  | Padlock in OFF or ON position  |
| Connections - terminals   | Upside 1 EverLink lug with voltage tap-off wire size 2.5...70 m-<br>m <sup>2</sup> (AWG 14...AWG 2/0), fine stranded copper<br>Downside 1 Everlink lug wire size 2.5...70 mm <sup>2</sup> (AWG 14...AWG 2/0), fine strand-<br>ed copper<br>Upside 1 EverLink lug with voltage tap-off wire size 2.5...95 m-<br>m <sup>2</sup> (AWG 14...AWG 3/0), rigid or stranded aluminium/copper<br>Downside 1 Everlink lug wire size 2.5...95 mm <sup>2</sup> (AWG 14...AWG 3/0), rigi-<br>d or stranded aluminium/copper |
| Current of common         | 10 A for 0.5...6 mm <sup>2</sup> (AWG 20...AWG 10), stranded or fine stranded<br>10 A for 1.5...6 mm <sup>2</sup> (AWG 20...AWG 10), rigid   |
| Tightening torque         | 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)   |
| Number of slots           | 1 slot(s) for auxiliary switch OF (plug-in)<br>1 slot(s) for voltage release MN or MX (plug-in)  |
| Wire stripping length     | 20 Mm  |
| Quality labels            | CE   |
| Standards                 | CSA C22.2 No 5<br>UL 489<br>EN/IEC 60947-5-1<br>GB 14048.2<br>NMJ J-266<br>EN/IEC 60947-2<br>NEMA AB1  |
| Colour                    | Grey (RAL 7016)  |
| 9 mm pitches              | 6  |
| Height                    | 137 Mm   |
| Width                     | 54 Mm  |
| Depth                     | 80 Mm  |
| Net weight                | 0.769 Kg   |
| Quantity per set          | Set of 1   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | UL<br>IEC<br>CCC<br>EAC<br>CSA<br>NOM           |
| IP degree of protection               | Front cover: IP40 conforming to IEC 60529       |
| IK degree of protection               | IK07 conforming to IEC 62262                    |
| Pollution degree                      | 3 conforming to IEC 60947-1                     |
| Ambient air temperature for operation | -25...70 °C                                     |
| Ambient air temperature for storage   | -50...85 °C                                     |
| Operating altitude                    | 2000 m without derating<br>5000 m with derating |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product                         |
| 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>   |
| Circularity Profile      | No need of specific recycling operations  |
| WEEE                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Product Life Status : **Commercialised**