# Product data sheet

Specifications



## Automatic switch, PowerPacT B, 125A, 3 pole, 600Y/347VAC, 14kA, EverLink lug, magnetic

BDL36000S12

**Product availability: Stock - Normally stocked in distribution facility**

## Main

| | |
|---|---|
| **Range** | PowerPact |
| **Product name** | PowerPact B |
| **Product or Component Type** | Automatic switch |
| **Device Application** | Distribution |

## Complementary

| | |
|---|---|
| **Line Rated Current** | 125 A |
| **Number of Poles** | 3P |
| **Control Type** | Toggle |
| **Breaking capacity code** | D |
| **Short-circuit withstand** | 25 kA 208Y/120 V UL 489<br>25 kA 240 V UL 489<br>18 kA 480Y/277 V UL 489<br>18 kA 480 V UL 489<br>14 kA 600 V UL 489 |
| **[Ue] rated operational voltage** | 600Y/347 V AC 50/60 Hz UL 489 |
| **Magnetic hold current** | 880 A |
| **Magnetic tripping current** | 1320 A |
| **Mechanical durability** | 15000 cycles IEC 947-1 Annex K ed 5.2 |
| **Electrical durability** | 10000 cycles IEC 947-1 Annex K ed 5.2 440 V In |
| **Contact position indicator** | Yes |
| **Connection pitch** | 1.06 in (27 mm) |
| **Local signalling** | Flag (green) for presence of auxiliary contacts |
| **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** | 44.3 lbf.in (5 N.m) 0.004…0.02 in² (2.5…10 mm²)<br>79.7 lbf.in (9 N.m) 0.02…0.1 in² (16…95 mm²) |
| **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** | 0.8 in (20 mm) |
| **Color** | Gray RAL 7016) |

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

| | |
|---|---|
| **9 mm pitches** | 9 |
| **Height** | 5.4 in (137 mm) |
| **Width** | 3.2 in (81 mm) |
| **Depth** | 3.5 in (89 mm) |
| **Quantity per Set** | Set of 1 |

## Environment

| | |
|---|---|
| **Quality labels** | CE |
| **Standards** | UL 489 |
| **Product certifications** | UL |
| **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** | US10DE201130 |
| **Discount Schedule** | 0DE2 |
| **GTIN** | 3606486289228 |
| **Returnability** | Yes |
| **Country of origin** | MX |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 5.4 in (13.7 cm) |
| **Package 1 Width** | 3.2 in (8.1 cm) |
| **Package 1 Length** | 3.5 in (8.9 cm) |
| **Package weight(Lbs)** | 2.921 lb(US) (1.325 kg) |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## 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 >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **335 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **7 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0.4 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **326 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **2 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| SCIP Number | **42816a74-6c29-4456-9183-8c3fa59a5a4c** |
| EU RoHS Directive | **Compliant By Exemption** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |
| California proposition 65 | **WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov** |
| Halogen content performance | **Halogen free product** |
| PVC free | **Yes** |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Repair | **No** |

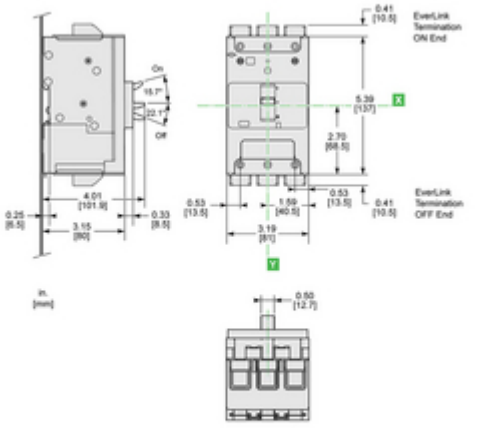
## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **55** |
| Circularity Profile | **No need of specific recycling operations** |
| Take-back | **No** |

Technical Illustration

**Dimensions**




(L) TERMINATION OPTION - EverLink (ON end) / EverLink (OFF end)
ALL DIMENSIONS ARE APPROXIMATE.
ALSO REFER TO CAD, TECHNICAL DRAWINGS, AND DOCUMENTATION