

Product data sheet

Specifications



Circuit breaker, PowerPacT B,
125A, 3 pole, 600Y/347VAC, 18kA,
lugs, thermal magnetic, 80%, control
wire ON end

BGL36125LU

**Product availability: Non-Stock - Not normally stocked in
distribution facility**

Main

| | |
|---------------------------|-----------------|
| Range | PowerPact |
| Product name | PowerPact B |
| Device short name | BG 125 |
| Product or Component Type | Circuit breaker |
| Device Application | Distribution |

Complementary

| | |
|--|---|
| Line Rated Current | 125 A |
| Number of Poles | 3P |
| Protected poles description | 3t |
| Control Type | Toggle |
| Breaking capacity code | G |
| Breaking capacity | 65 kA 208Y/120 V AC 50/60 Hz UL 489 65 kA 240 V AC 50/60 Hz UL 489 35 kA 480/277 V AC 50/60 Hz UL 489 35 kA 480 V AC 50/60 Hz UL 489 20 kA 250 V DC UL 489 18 kA 600Y/347 V AC 50/60 Hz UL 489 |
| [Ue] rated operational voltage | 525 V AC 50/60 Hz UL 489 |
| Network Frequency | 50/60 Hz |
| [Ics] rated service breaking capacity | 65 kA 220...240 V AC 50/60 Hz IEC 60947-2 18 kA 500...525 V AC 50/60 Hz IEC 60947-2 35 kA 380...415 V AC 50/60 Hz IEC 60947-2 35 kA 440 V AC 50/60 Hz IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 8 kV IEC 60947-2 |
| Trip unit technology | Thermal-magneticTM-D, |
| Continuous current rating | 80 % |
| [Ui] rated insulation voltage | 800 V IEC 60947-2 |
| Trip unit name | TM-D |
| Suitability for isolation | Yes IEC 60947-2 |
| Utilisation category | Category 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 |
| Connection pitch | 1.06 in (27 mm) |

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

| | |
|------------------------------------|--|
| AWG gauge | AWG 6...AWG 2/0 fine stranded aluminium/copper AWG 14...AWG 3/0 rigid or stranded aluminium/copper |
| Local signalling | Presence of auxiliary contacts flag green) |
| Mounting mode | Clip-on 35 mm symmetrical DIN rail) By screws plate) |
| Electrical connection | Everlink lug, line Everlink lug, load |
| Tightening torque | 44.3 lbf.in (5 N.m) 0.004...0.02 in ² (2.5...16 mm ²) (AWG 14...AWG 4) 79.7 lbf.in (9 N.m) 0.04...0.1 in ² (25...95 mm ²) (AWG 3...AWG 3/0) |
| Number of slots | 1 auxiliary switch OF plug-in) 1 voltage release MN or MX plug-in) 1 alarm switch SD plug-in) |
| Power wire stripping length | 0.8 in (20 mm) |
| Color | Gray RAL 7016) |
| 9 mm pitches | 9 |
| Height | 5.4 in (137 mm) |
| Width | 3.2 in (81 mm) |
| Depth | 3.1 in (80 mm) |
| Product Weight | 2.368 lb(US) (1.074 kg) |
| Quantity per Set | Set of 1 |
| Circuit breaker application | HACR rated |

Environment

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

Ordering and shipping details

| | |
|--------------------------|---------------|
| Category | US10DE201131 |
| Discount Schedule | 0DE2 |
| GTIN | 3606481149497 |
| Returnability | No |

| | |
|-------------------|----|
| Country of origin | US |
|-------------------|----|

Packing Units

| | |
|------------------------|-----|
| Unit Type of Package 1 | PCE |
|------------------------|-----|

| | |
|-----------------------|---|
| Nbr. of units in pkg. | 1 |
|-----------------------|---|

| | |
|------------------|--------------------|
| Package 1 Height | 3.31 in (8.400 cm) |
|------------------|--------------------|

| | |
|-----------------|---------------------|
| Package 1 Width | 4.69 in (11.900 cm) |
|-----------------|---------------------|

| | |
|------------------|---------------------|
| Package 1 Length | 8.11 in (20.600 cm) |
|------------------|---------------------|

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|---------------------|-------------------------|
| Package weight(Lbs) | 2.599 lb(US) (1.179 kg) |
|---------------------|-------------------------|

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|------------------------|-----|
| Unit Type of Package 2 | S03 |
|------------------------|-----|

| | |
|------------------------------|---|
| Number of Units in Package 2 | 6 |
|------------------------------|---|

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|------------------|----------------------|
| Package 2 Height | 11.81 in (30.000 cm) |
|------------------|----------------------|

| | |
|-----------------|----------------------|
| Package 2 Width | 11.81 in (30.000 cm) |
|-----------------|----------------------|

| | |
|------------------|----------------------|
| Package 2 Length | 15.75 in (40.000 cm) |
|------------------|----------------------|

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|------------------|--------------------------|
| Package 2 Weight | 18.739 lb(US) (8.500 kg) |
|------------------|--------------------------|



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

Carbon footprint (kg CO2 eq, Total Life cycle) 334

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant with Exemptions

REACH Regulation [REACH Declaration](#)

California proposition 65 **WARNING:** 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 www.P65Warnings.ca.gov

Halogen content performance Halogen free product

PVC free Yes

Use Again

Repack and remanufacture

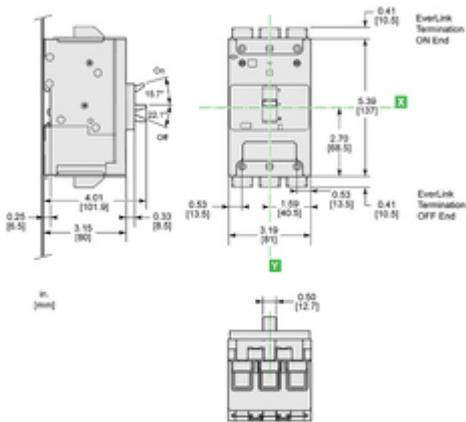
Circularity Profile No need of specific recycling operations

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.

Technical Illustration

Dimensions



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