

# Product data sheet

Specifications



Circuit breaker, PowerPact L, 400A,  
3 pole, 600VAC, 18kA, lugs,  
MicroLogic 3.3, 100%

LGL36400CU31X

## Main

Range	PowerPact
Product name	PowerPact L
Device short name	L-Frame
Product or component type	Circuit breaker
Device application	Distribution

## Complementary

[In] rated current	400 A
Number of Poles	3P
Control type	Toggle
Breaking capacity code	G
Breaking capacity	65 kA at 240 V AC 50/60 Hz conforming to UL 489 35 kA at 480 V AC 50/60 Hz conforming to UL 489 18 kA at 600 V AC 50/60 Hz conforming to UL 489 20 kA at 250 V DC conforming to UL 489 20 kA at 500 V DC conforming to UL 489
[Ue] rated operational voltage	600 V AC 50/60 Hz conforming to IEC 60947-3
Network frequency	50/60 Hz
[Ics] rated service breaking capacity	65 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 35 kA at 380/440/415 V AC 50/60 Hz conforming to IEC 60947-2 18 kA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 20 kA at 250 V DC conforming to IEC 60947-2 20 kA at 500 V DC conforming to IEC 60947-2
[Uiimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
Trip unit technology	Electronic, standard, MicroLogic 3.3, LI
Continuous current rating	100 %
[Ui] rated insulation voltage	750 V conforming to IEC 60947-2
Trip unit name	MicroLogic 3.3
Protection technology	Current limiter
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
AWG gauge	2 x AWG 2/0...500 kcmil aluminium/copper
Local signalling	Ready: 1 LED (green) Alarm: 1 LED 90 % Ir (orange) Alarm: LED 105 % Ir (red) Switched off (OFF): 1 trip indicator (green)

<b>Mounting mode</b>	Unit mount (lug)
<b>Mounting support</b>	Lug
<b>Electrical connection</b>	Lugs, line Lugs, load
<b>Terminal identifier</b>	AL600LS52K3
<b>Long time pick-up adjustment range</b>	0.25...1 x In
<b>Tightening torque</b>	50 N.m for 70...240 mm <sup>2</sup> (AWG 2/0...500 kcmil)
<b>Number of slots</b>	2 slot(s) for auxiliary switch OF (plug-in) 1 slot(s) for alarm switch SD (plug-in) 1 slot(s) for overcurrent trip switch SDE (plug-in) 1 slot(s) for voltage release MN or MX (plug-in)
<b>Power wire stripping length</b>	31 mm 61 mm
<b>Color</b>	Black
<b>Height</b>	340 mm
<b>Width</b>	140 mm
<b>Depth</b>	110 mm
<b>Net weight</b>	6.2 kg
<b>Communication interface</b>	Modbus Ethernet
<b>Circuit breaker application</b>	HACR rated

## Environment

<b>Standards</b>	UL CSA NEMA NOM-003-SCFI-2000 IEC 60947-2
<b>Product certifications</b>	UL CSA NOM
<b>IP degree of protection</b>	Front cover: IP40
<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 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>	22.352 cm
<b>Package 1 Width</b>	35.56 cm
<b>Package 1 Length</b>	80.518 cm
<b>Package 1 Weight</b>	7.738 kg

## Contractual warranty

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**Warranty**

18 months



## 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 **805**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **No**

[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](#)**

PVC free **Yes**

## Use Again

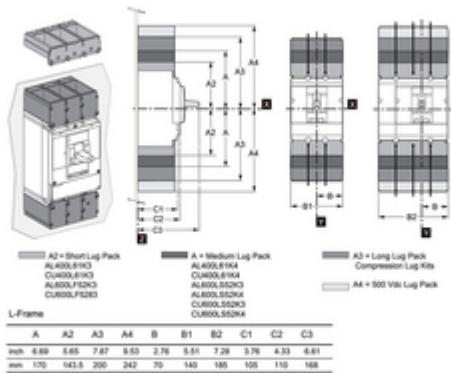
### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back **No**

## Technical Illustration

## Dimensions



All dimensions are approximate.  
Also see CAD, technical drawings, and technical documentation.