

# PowerPact multistandard - L-Frame - 400 A - 65 KA - Micrologic 3.0 trip unit

NLGL36400U31X

# Main

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

## Complementary

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Poles description	3P	
Control type	Toggle	
Mounting mode	Unit mount	
Mounting support	Flush DIN rail Backplate	
Electrical connection	Lugs, line side Lugs, load side	
Wire Size	2 x AWG 2/0500 kcmil ( aluminium/copper )	
[In] rated current	400 A at 40 °C	
[Ui] rated insulation voltage	750 V AC 50/60 Hz conforming to IEC 60947-2	
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2	
[Ue] rated operational voltage	525 V AC 50/60 Hz conforming to IEC 60947-2 690 V AC 50/60 Hz conforming to IEC 947-2 600 V AC 50/60 Hz conforming to UL 489	
Breaking capacity code	LG	
Suitability for isolation	Yes	
Utilisation category	Category A	
Mechanical durability	5000 cycles	
Electrical durability	1000 cycles	
Connection pitch	45 mm	
Local signalling	ON/OFF indication	
Contact position indicator	Yes	
Trip unit name	MicroLogic 3.3	
Trip unit technology	Electronic	

Trip unit protection functions	Ц	
Trip unit rating	400 A	
Thermal memory	20 mn	
Display type	3 LEDs	
Breaking capacity	Icu: 65 kA at 220/240 V - AC conforming to IEC 947-2 Icu: 35 kA at 380/415 V - AC conforming to IEC 947-2 Icu: 35 kA at 440/480 V - AC conforming to IEC 947-2 Icu: 18 kA at 500/525 V - AC conforming to IEC 947-2 65 kA at 240 V - AC conforming to UL 489 35 kA at 480 V - AC conforming to UL 489 18 kA at 600 V - AC conforming to UL 489	
[Ics] rated service breaking capacity	Ics: 65 kA at 220/240 V - AC conforming to IEC 947-2 Ics: 35 kA at 380/415 V - AC conforming to IEC 947-2 Ics: 35 kA at 440/480 V - AC conforming to IEC 947-2 Ics: 18 kA at 500/525 V - AC conforming to IEC 947-2	
Long time pick-up adjustment type Ir	Adjustable 9 settings	
Long time pick-up adjustment range	0.311 x ln	
[tr] long-time delay adjustment range	1 s 8 s 16 s 0.5 s 2 s 4 s	
Instantaneous pick-up adjustment type li	Adjustable 9 settings	
Instantaneous pick-up adjustment range	1.515 x ln	
Overvoltage category	II .	
Provision for padlocking	Non padlockable	
Height	340 mm	
Width	140 mm	
Depth	110 mm	
Standards	NMX J-266 CSA C22.2 No 5 UL 489 NEMA AB1 IEC 60947-2 W-C-375B/GEN	
Product certifications	CCC CE	
Net weight	6 kg	
Environment		
IP degree of protection	IP40 conforming to IEC 60529	
IK degree of protection	IK07 conforming to IEC 62262	
Pollution degree	3 conforming to IEC 60947-1 3 conforming to IEC 60664-1	
Ambient air temperature for operation	40 °C	
Ambient air temperature for storage	-5085 °C	
Packing Units		
Unit Type of Package 1	PCE	

Number of Units in Package 1

Package 1 Height	24.000 cm
Package 1 Width	28.000 cm
Package 1 Length	50.000 cm
Package 1 Weight	7.929 kg
Unit Type of Package 2	P12
Number of Units in Package 2	6
Package 2 Height	50.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	59.574 kg



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.eq.CO2 per CR, Total Life cycle)	1633	
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
PVC free	Yes

## **Use Again**

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No