



## 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

Poles description	3P
Control type	Toggle
Mounting mode	Unit mount
Mounting support	Flush Backplate DIN rail
Electrical connection	Terminal nut line side Terminal nut load side
[In] rated current	600 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 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	LJ
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 3.0
Trip unit technology	Electronic
Trip unit protection functions	LI
Trip unit rating	600 A
Thermal memory	20 mn
Display type	3 LEDs
Breaking capacity	Icu: 100 kA at 220/240 V - AC conforming to IEC 947-2 Icu: 65 kA at 380/415 V - AC conforming to IEC 947-2 Icu: 65 kA at 440/480 V - AC conforming to IEC 947-2 Icu: 25 kA at 500/525 V - AC conforming to IEC 947-2 100 KA at 240 V - AC conforming to UL 489 65 KA at 480 V - AC conforming to UL 489 25 kA at 600 V - AC conforming to UL 489

[Ics] rated service breaking capacity	Ics: 100 kA at 220/240 V - AC conforming to IEC 947-2 Ics: 65 kA at 380/415 V - AC conforming to IEC 947-2 Ics: 65 kA at 440/480 V - AC conforming to IEC 947-2 Ics: 25 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	0.33...1 x In
[tr] long-time delay adjustment range	1 S 4 S 16 S 8 S 0.5 S 2 s
Instantaneous pick-up adjustment type li	Adjustable 9 settings
Instantaneous pick-up adjustment range	1.5...15 x In
Overvoltage category	II
Provision for padlocking	Non padlockable
Height	340 mm
Width	140 mm
Depth	110 mm
Standards	W-C-375B/GEN CSA C22.2 No 5 UL 489 NMX J-266 NEMA AB1 IEC 60947-2
Product certifications	CCC CE
Net weight	6.2 kg
Tightening torque	50 N.m

## 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	-50...85 °C

## Packing Units

Package 1 Weight	6.804 kg
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## 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	<a href="#">End Of Life Information</a>
PVC free	Yes