



### 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	DIN rail Flush Backplate
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 at 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 at 50/60 Hz conforming to IEC 60947-2 690 V AC at 50/60 Hz conforming to IEC 947-2 600 V AC at 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 3.0
Trip unit technology	Electronic
Trip unit protection functions	LI
Trip unit rating	600 A
Thermal memory	20 mn
Display type	3 LEDs
Breaking capacity	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 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
[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	0.33...1 x In
[Tr] long-time delay adjustment range	0.5 s 1 s 2 s 8 s 4 s 16 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	CSA C22.2 No 5 UL 489 NEMA AB1 IEC 60947-2 NMX J-266 W-C-375B/GEN
Product certifications	CCC CE
Product weight	6.2 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 60664-1 3 conforming to IEC 60947-1
Ambient air temperature for operation	40 °C
Ambient air temperature for storage	-50...85 °C

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1132 - Schneider Electric declaration of conformity  <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>

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Product environmental profile	Available
Product end of life instructions	Available

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