



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	Backplate Flush DIN rail
Electrical connection	Lugs, line side Lugs, load side
Wire Size	2 x AWG 2/0...500 kcmil (aluminium/copper)
[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 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	LL
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 5.3 E
Trip unit technology	Electronic
Trip unit protection functions	LSI
Trip unit rating	600 A
Thermal memory	20 mn
Display type	Digital display
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

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[Ics] rated service breaking capacity	Ics: 125 kA at 220/240 V - AC conforming to IEC 947-2 Ics: 100 kA at 380/415 V - AC conforming to IEC 947-2 Ics: 100 kA at 440/480 V - AC conforming to IEC 947-2 Ics: 50 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	2 S 16 S 4 S 1 S 0.5 S 8 s
Short-time pick-up adjustment type Isd	Adjustable 9 settings
[Isd] short-time pick-up adjustment range	1.5...9.5 x Ir
[tsd] short-time delay adjustment range	0.4 S 0.1 S 0.3 S 0.2 S 0 s
Instantaneous pick-up adjustment type li	Adjustable 9 settings
Instantaneous pick-up adjustment range	1.5...11 x In
Overvoltage category	II
Provision for padlocking	Non padlockable
Height	340 mm
Width	140 mm
Depth	110 mm
Standards	UL 489 NEMA AB1 IEC 60947-2 CSA C22.2 No 5 W-C-375B/GEN NMX J-266
Product certifications	CCC[RETURN]CE
Net 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 60947-1 3 conforming to IEC 60664-1
Ambient air temperature for operation	40 °C
Ambient air temperature for storage	-50...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information