



Main

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|---------------------------|-------------------------|
| 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 | Backplate DIN rail Flush |
| 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 | LD |
| 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 |

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| Trip unit rating | 600 A |
| Thermal memory | 20 mn |
| Display type | 3 LEDs |
| Breaking capacity | 25 kA at 240 V - AC conforming to UL 489 18 kA at 480 V - AC conforming to UL 489 14 kA at 600 V - AC conforming to UL 489 Icu : 25 kA at 220/240 V - AC conforming to IEC 947-2 Icu : 18 kA at 380/415 V - AC conforming to IEC 947-2 Icu : 18 kA at 440/480 V - AC conforming to IEC 947-2 Icu : 14 kA at 500/525 V - AC conforming to IEC 947-2 |
| [Ics] rated service breaking capacity | Ics : 25 kA at 220/240 V - AC conforming to IEC 947-2 Ics : 18 kA at 380/415 V - AC conforming to IEC 947-2 Ics : 18 kA at 440/480 V - AC conforming to IEC 947-2 Ics : 14 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 16 s 8 s 1 s 2 s 4 s |
| Instantaneous pick-up adjustment type Ii | 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 | IEC 60947-2 NEMA AB1 UL 489 CSA C22.2 No 5 NMX J-266 W-C-375B/GEN |
| Product certifications | CCC CE |
| Product weight | 6.2 kg |
| Tightening torque | 50 N.m |

Environment

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| 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 |