



Main

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

Complementary

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	175 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	JD
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	TM
Trip unit technology	Thermal-magnetic
Trip unit protection functions	Basic protection
Trip unit rating	175 A
Display type	3 LEDs
Breaking capacity	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 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

[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	Fixed
Long time pick-up adjustment range	1 In
Short-time pick-up adjustment type Isd	Adjustable
[Isd] short-time pick-up adjustment range	5...10 x In
Overvoltage category	II
Provision for padlocking	Non padlockable
Height	191 mm
Width	104 mm
Depth	86 mm
Standards	CSA C22.2 No 5 NEMA AB1 W-C-375B/GEN NMX J-266 UL 489 IEC 60947-2
Product certifications	CCC[RETURN]CE
Net weight	2.4 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
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes