

## Main

Range of product	PowerPact multistandard
Range	PowerPact
Product name	H-Frame
Device short name	H-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	Lugs, line side Lugs, load side
Wire Size	1 x AWG 14...AWG 3/0 ( aluminium/copper )
[In] rated current	100 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	D
Suitability for isolation	Yes
Utilisation category	Category A
Mechanical durability	4000 cycles
Electrical durability	4000 cycles
Connection pitch	45 mm
Local signalling	ON/OFF indication
Contact position indicator	Yes
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	Fixed
[Isd] short-time pick-up adjustment range	750 A
Overvoltage category	II

Provision for padlocking	Non padlockable
Height	163 mm
Width	104 mm
Depth	86 mm
Standards	UL 489 NMX J-266 W-C-375B/GEN IEC 60947-2 NEMA AB1 CSA C22.2 No 5
Product certifications	CE[RETURN]CCC
Net weight	2.2 kg

## Environment

IP degree of protection	IP40 conforming to IEC 60539
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

REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>