



### 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	Flush DIN rail Backplate
Electrical connection	Terminal nut line side Terminal nut load side
[In] rated current	100 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	HG
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
Trip unit name	TM
Trip unit technology	Thermal-magnetic
Trip unit protection functions	Basic protection
Trip unit rating	100 A
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	Fixed
Long time pick-up adjustment range	1 In
Short-time pick-up adjustment type I <sub>sd</sub>	Fixed
[I <sub>sd</sub> ] short-time pick-up adjustment range	1700 A
Overvoltage category	II
Provision for padlocking	Non padlockable
Height	163 mm
Width	104 mm
Depth	86 mm
Standards	UL 489 NEMA AB1 NMX J-266 CSA C22.2 No 5 IEC 60947-2 W-C-375B/GEN
Product certifications	CE CCC
Product weight	2.2 kg
Tightening torque	5 N.m 2.5...95 mm <sup>2</sup> AWG 14...AWG 3/0

## 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 0832 - 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>
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations