



## Main

Range	PowerPact
Product name	PowerPact H
Product or component type	Circuit breaker
Device application	Distribution

## Complementary

[In] rated current	50 A
Number of Poles	3P
Protected poles description	3t
Control type	Toggle
Breaking capacity code	G
Breaking capacity	65 KA at 240 V AC 50/60 Hz conforming to UL 489 35 KA at 480 V AC 50/60 Hz conforming to UL 489 18 KA at 600 V AC 50/60 Hz conforming to UL 489 20 KA at 250 V DC conforming to UL 489 20 kA at 500 V DC conforming to UL 489
[Ue] rated operational voltage	500 V DC conforming to IEC 60947-3
[Ics] rated service breaking capacity	65 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 35 KA at 380/440/415 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 20 KA at 250 V DC conforming to IEC 60947-2 20 kA at 500 V DC conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
Trip unit technology	Thermal-magnetic
Continuous current rating	80 %
[Ui] rated insulation voltage	750 V conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
AWG gauge	AWG 14...AWG 3/0 aluminium/copper terminal
Mounting mode	Unit mount (lug)
Mounting support	Lug
Electrical connection	Lugs, line Lugs, load
Terminal identifier	AL150HD
Tightening torque	5 N.M for 2.5...6 mm <sup>2</sup> (AWG 14...AWG 10) 14 N.m for 10...95 mm <sup>2</sup> (AWG 8...AWG 3/0)
Number of slots	2 slot(s) for auxiliary switch OF (plug-in) 1 slot(s) for alarm switch SD (plug-in) 1 slot(s) for overcurrent trip switch SDE (plug-in) 1 slot(s) for voltage release MN or MX (plug-in)
Power wire stripping length	16 mm
Color	Black
Height	163 mm

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Width	104 mm
Depth	86 mm
Net weight	2.2 kg
Quantity per set	1
Communication interface	Modbus Ethernet
Circuit breaker application	HACR rated

## Environment

Quality labels	CE
Standards	UL CSA NEMA NOM-003-SCFI-2000 IEC 60947-2
Product certifications	UL[RETURN]CSA[RETURN]NOM
IP degree of protection	Front cover: IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C
Operating altitude	< 2000 m without derating 5000 m with derating

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16.3 cm
Package 1 Width	10.5 cm
Package 1 Length	11.1 cm
Package 1 Weight	3.629 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
PVC free	Yes