Product data sheet
Characteristics

HGL36030
Circuit breaker, PowerPacT H, thermal magnetic, unit mount, 30A, 3 pole, 18 kA, 600 VAC, 80% rated

Green Premium™

Main

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

Complementary

[In] rated current	30 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	690 V AC 50/60 Hz conforming to IEC 60947-3
Network frequency	50/60 Hz
[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
Magnetic tripping current	750 A
Magnetic hold current	350 A
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
Local signalling	Switched off (OFF): 1 trip indicator (green)
Mounting mode	Unit mount (lug)
Mounting support	Lug
Electrical connection	Lugs, line Lugs, load
Terminal identifier	AL150HD

Jun 1, 2024

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Tightening torque	5 N.M for 2.5…6 mm² (AWG 14...AWG 10) 14 N.m for 10…95 mm² (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
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	14.2 cm
Package 1 Width	18.8 cm
Package 1 Length	22.4 cm
Package 1 Weight	1.85 kg

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
PVC free	Yes

Contractual warranty

Warranty	18 개월

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