Product data sheet
Characteristics

HDL36030
Circuit breaker, PowerPacT H, 30A, 3 pole, 600VAC, 14kA, lugs, thermal magnetic, 80%

Local Stock Code: On Stock

Price*: 1088.00 USD



Main

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

Complementary

[In] rated current	30 A
Poles description	3P
Protected poles description	3t
Control type	Toggle
Breaking capacity code	D
Breaking capacity	25 KA at 240 V AC 50/60 Hz conforming to UL 489 18 KA at 480 V AC 50/60 Hz 14 KA at 600 V AC 50/60 Hz 20 KA at 250 V DC
[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	25 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 380/440/415 V AC 50/60 Hz conforming to IEC 60947-2 14 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	14 AWG...3/0 AWG 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
Tightening torque	5 N.M for 2.5…6 mm² (14 AWG...10 AWG) 14 N.M for 10…95 mm² (8 AWG...3/0 AWG)
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)
Wire stripping length	16 Mm
Colour	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

Ordering and shipping details

Category	US10DE201110
Discount Schedule	0DE2
GTIN	785901706632
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.224 Cm
Package 1 Width	18.796 Cm
Package 1 Length	21.590 Cm
Package 1 Weight	1.870 Kg

Offer Sustainability

Recyclability potential, in %	45
Total lifecycle Carbon footprint	132 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	9.516219096513307
Carbon footprint of the manufacturing phase [A1 to A3]	10 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.39306247872474553
Carbon footprint of the distribution phase [A4]	0.4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.01883459468180417
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	118.51128423899573
Carbon footprint of the use phase [B2, B3, B4, B6]	119 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	3.496683447881402
Carbon footprint of the end-of-life phase [C1 to C4]	3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	132
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	F6740abd-d7a0-42b0-ba51-4931bf4d8226
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State
PVC free	Yes
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and n

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised