



Circuit breaker, PowerPacT H, 80A, 3 pole, 600VAC, 50kA, lugs, thermal magnetic, 80%

HLL36080

Product availability: Stock - Normally stocked in distribution facility

Price*: 3,149.00 USD

Main

Range	PowerPact
product name	PowerPact H
Product or Component Type	Circuit breaker
Device Application	Distribution

Complementary

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Line Rated Current	80 A	
Number of Poles	3P	
Protected poles description	3t	
Control Type	Toggle	
Breaking capacity code	L	
Breaking capacity	125 kA 240 V AC 50/60 Hz UL 489 100 kA 480 V AC 50/60 Hz UL 489 50 kA 600 V AC 50/60 Hz UL 489 20 kA 250 V DC UL 489 50 kA 500 V DC UL 489	
[Ue] rated operational voltage	690 V AC 50/60 Hz IEC 60947-3	
Network Frequency	50/60 Hz	
[lcs] rated service breaking capacity	125 kA 220/240 V AC 50/60 Hz IEC 60947-2 100 kA 380/440/415 V AC 50/60 Hz IEC 60947-2 50 kA 500/525 V AC 50/60 Hz IEC 60947-2 20 kA 250 V DC IEC 60947-2 20 kA 500 V DC IEC 60947-2	
[Uimp] rated impulse withstand voltage	8 kV IEC 60947-2	
Trip unit technology	Thermal-magnetic	
Magnetic tripping current	1450 A	
Magnetic hold current	800 A	
Continuous current rating	80 %	
[Ui] rated insulation voltage	750 V IEC 60947-2	
Suitability for isolation	Yes IEC 60947-2	
Utilisation category	Category A	
AWG gauge	AWG 14AWG 3/0 aluminium/copper terminal	
Local signalling	Switched off (OFF) 1 trip indicator green)	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Mounting mode	Unit mount lug)	
Mounting Support	Lug	
Electrical connection	Lugs, line Lugs, load	
Terminal identifier	AL150HD	
Tightening torque	44.3 lbf.in (5 N.m) 0.0040.009 in² (2.56 mm²) (AWG 14AWG 10) 123.9 lbf.in (14 N.m) 0.020.1 in² (1095 mm²) (AWG 8AWG 3/0)	
Number of slots	2 auxiliary switch OF plug-in) 1 alarm switch SD plug-in) 1 overcurrent trip switch SDE plug-in) 1 voltage release MN or MX plug-in)	
Power wire stripping length	0.6 in (16 mm)	
Color	Black	
Height	6.4 in (163 mm)	
Width	4.09 in (104 mm)	
Depth	3.4 in (86 mm)	
Net Weight	4.9 lb(US) (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	
	CSA	
	NOM	
IP degree of protection	Front cover IP40 IEC 60529	
Pollution degree	3 IEC 60947-1	
Ambient air temperature for operation	-13158 °F (-2570 °C)	
Ambient Air Temperature for Storage	-58185 °F (-5085 °C)	
Operating altitude	< 6561.68 ft (2000 m) without derating	
	5000 m with derating	

Ordering and shipping details

Category	US10DE201120
Discount Schedule	0DE2
GTIN	785901683179
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE	

Number of Units in Package 1	1
Package 1 Height	5.70 in (14.478 cm)
Package 1 Width	7.50 in (19.050 cm)
Package 1 Length	9.10 in (23.114 cm)
Package 1 Weight	4.129 lb(US) (1.873 kg)

Contractual warranty

Warranty 18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Carbon footprint (kg CO2 eq, Total Life cycle)	479
Environmental Disclosure	Product Environmental Profile

Use Better

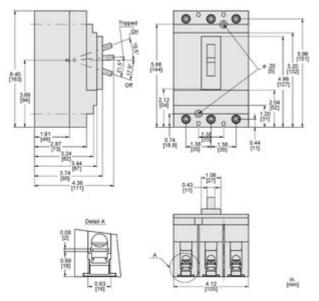
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration
China RoHS Regulation	China RoHS declaration
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
PVC free	Yes

Use Again

Circularity Profile End of Life Information Take-back No

Technical Illustration

Dimensions



All dimensions are approximate. Also refer to technical drawings and documentation.