

Product data sheet

Specifications



Circuit breaker, PowerPacT H,
125A, 3 pole, 600VAC, 50kA, lugs,
thermal magnetic, 80%, aux switch

HLP36125AB

 To be discontinued on: Apr 30, 2024

 To be discontinued

Product availability: Non-Stock - Not normally stocked in
distribution facility

Main

Range	PowerPact
Product Name	PowerPact H
Product Or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Line Rated Current	125 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
[Ics] 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	1700 A
Magnetic Hold Current	900 A
Continuous Current Rating	80 %
[Ui] Rated Insulation Voltage	750 V IEC 60947-2
Accessory / Separate Part Type	Auxiliary switch 24 V AC/DC 2 NO + 2 NC cover frame
Suitability For Isolation	Yes IEC 60947-2
Utilisation Category	Category A
Awg Gauge	AWG 14...AWG 3/0 aluminium/copper terminal

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Local Signalling	Switched off (OFF) 1 trip indicator green)
Mounting Mode	Unit mount lug)
Mounting Support	Lug
Electrical Connection	Terminal nut, line Lugs, load
Terminal Identifier	AL150HD
Tightening Torque	44.25 lbf.in (5 N.m) 0.00...0.01 in² (2.5...6 mm²) (AWG 14...AWG 10) 123.91 lbf.in (14 N.m) 0.02...0.15 in² (10...95 mm²) (AWG 8...AWG 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	0.63 in (16 mm)
Color	Black
Height	6.42 in (163 mm)
Width	4.09 in (104 mm)
Depth	3.39 in (86 mm)
Net Weight	4.85 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	-13...158 °F (-25...70 °C)
Ambient Air Temperature For Storage	-58...185 °F (-50...85 °C)
Operating Altitude	< 6561.68 ft (2000 m) without derating 5000 m with derating

Ordering and shipping details

Category	01120 - HL,JL UNIT MT BREAKER/SWITCH
Discount Schedule	DE2
Returnability	No
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
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Number Of Units In Package 1	1
Package 1 Height	6.42 in (16.3 cm)
Package 1 Width	4.13 in (10.5 cm)
Package 1 Length	4.37 in (11.1 cm)
Package 1 Weight	5.00 lb(US) (2.268 kg)

Sustainability




Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance

 Mercury Free	
 Rohs Exemption Information	Yes
 Pvc Free	
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
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