





Circuit breaker, PowerPacT H, 90A, 3 pole, 600VAC, 25kA, lugs, thermal magnetic, 80%, aux switch

HJL36090AA

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

Price*: 2,396.00 USD

Main

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

Complementary

J		
Line Rated Current	90 A	
Number of Poles	3P	
Protected poles description	3t	
Control Type	Toggle	
Breaking capacity code	J	
Breaking capacity	100 kA 240 V AC 50/60 Hz UL 489 65 kA 480 V AC 50/60 Hz UL 489 25 kA 600 V AC 50/60 Hz UL 489 18 kA 250 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	65 kA 220/240 V AC 50/60 Hz IEC 60947-2 35 kA 380/440/415 V AC 50/60 Hz IEC 60947-2 18 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	
Accessory / separate part type	Auxiliary switch 24 V AC/DC 1 NO + 1 NC cover frame	
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	er 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	US10DE201115
Discount Schedule	0DE2
GTIN	785901567103
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE		

Number of Units in Package 1	1
Package 1 Height	5.125 in (13.018 cm)
Package 1 Width	7.250 in (18.415 cm)
Package 1 Length	8.438 in (21.433 cm)
Package 1 Weight	5.00009 lb(US) (2.268 kg)

Contractual warranty

Warranty 18 months

Sustainability Green Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass 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 >





Transparency RoHS/REACh

Well-being performance

	Mercury Free	
⊘	Rohs Exemption Information	Yes
⊘	Pvc Free	

Certifications & Standards

Reach Regulation	REACh Declaration	
Eu Rohs Directive	Compliant with Exemptions	
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	End of Life 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	

Oct 9, 2024