Product data sheet

Specifications







Circuit breaker, PowerPacT H, 100A, 3 pole, 600VAC, 14kA, I-Line, thermal magnetic, 80%, ABC

HDA36100

Product availability: Stock - Normally stocked in distribution facility

Price*: 1,361.00 USD

Main

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

Complementary

Complementary		
Line Rated Current	100 A	
Number of Poles	3P	
Protected poles description	3t	
Control Type	Toggle	
Breaking capacity code	D	
Breaking capacity	25 kA 240 V AC 50/60 Hz UL 489 18 kA 480 V AC 50/60 Hz 14 kA 600 V AC 50/60 Hz 20 kA 250 V DC	
[Ue] rated operational voltage	690 V AC 50/60 Hz IEC 60947-3	
Network Frequency	50/60 Hz	
[Ics] rated service breaking capacity	25 kA 220/240 V AC 50/60 Hz IEC 60947-2 18 kA 380/440/415 V AC 50/60 Hz IEC 60947-2 14 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	
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)	
Mounting mode	I-Line bracket)	

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

Mounting Support	Bracket	
Electrical connection	I-Line connection, line Lugs, load	
Terminal identifier	AL150HD	
Mounting Height	4.5 in (114.3 mm)	
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	
Phase connection	ABC	
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	US10DE201112	
Discount Schedule	0DE2	
GTIN	785901419983	
Returnability	Yes	
Country of origin	MX	

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	6.000000000 in (15.24 cm)	
Package 1 Width	8.50 in (21.59 cm)	
Package 1 Length	15.000000000 in (38.1 cm)	
Package 1 Weight	5.450 lb(US) (2.472 kg)	

Contractual warranty

Warranty

18 months

Sustainability Screen

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