



Circuit breaker, PowerPacT H, 20A, 3 pole, 600VAC, 18kA, lugs, thermal magnetic, 80%

HGL36020

Product availability: Stock - Normally stocked in distribution facility

Price\*: 1,493.00 USD

### Main

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

### Complementary

Complementary		
Line Rated Current	20 A	
Number of Poles	3P	
Protected poles description	3t	
Control Type	Toggle	
Breaking capacity code	G	
Breaking capacity	65 kA 240 V AC 50/60 Hz UL 489 35 kA 480 V AC 50/60 Hz UL 489 18 kA 600 V AC 50/60 Hz UL 489 20 kA 250 V DC UL 489 20 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	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	750 A	
Magnetic hold current	350 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)	
Product 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	US10DE201115	
Discount Schedule	0DE2	
GTIN	785901598701	
Returnability	Yes	
Country of origin	MX	

# **Packing Units**

Unit Type of Package 1	PCE

Number of Units in Package 1	1
Package 1 Height	5.80 in (14.732 cm)
Package 1 Width	7.40 in (18.796 cm)
Package 1 Length	8.80 in (22.352 cm)
Package 1 Weight	4.180 lb(US) (1.896 kg)

# **Contractual warranty**

Warranty 18 months



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 >

☑ Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	386
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**

○ Repack and remanufacture	
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Take-back	No