

# Product data sheet

Specifications

SQUARE D



Circuit breaker, PowerPacT H,  
100A, 3 pole, 600VAC, 25kA, I-  
Line, Micrologic 5.2A, 80%, ABC

HJA36100U43X

**Product availability: Stock - 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	100 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 20 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	100 kA 220/240 V AC 50/60 Hz IEC 60947-2 65 kA 380/440/415 V AC 50/60 Hz IEC 60947-2 25 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	Electronic, ammeter, MicroLogic 5.2 A, LSI
Continuous current rating	80 %
[Ui] rated insulation voltage	750 V IEC 60947-2
Trip unit name	MicroLogic 5.2 A
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
AWG gauge	AWG 14...AWG 3/0 aluminium/copper terminal
Local signalling	Ready 1 LED green) Alarm 1 LED 90 % Ir orange) Alarm LED 105 % Ir red) Switched off (OFF) 1 trip indicator green)
Mounting mode	I-Line bracket)
Mounting Support	Bracket

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

<b>Electrical connection</b>	I-Line connection, line Lugs, load
<b>Terminal identifier</b>	AL150HD
<b>Long time pick-up adjustment range</b>	0.25...1 x In
<b>Mounting Height</b>	4.5 in (114.3 mm)
<b>Tightening torque</b>	44.3 lbf.in (5 N.m) 0.004...0.009 in <sup>2</sup> (2.5...6 mm <sup>2</sup> ) (AWG 14...AWG 10) 123.9 lbf.in (14 N.m) 0.02...0.1 in <sup>2</sup> (10...95 mm <sup>2</sup> ) (AWG 8...AWG 3/0)
<b>Number of slots</b>	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)
<b>Power wire stripping length</b>	0.6 in (16 mm)
<b>Color</b>	Black
<b>Height</b>	6.4 in (163 mm)
<b>Width</b>	4.09 in (104 mm)
<b>Depth</b>	3.4 in (86 mm)
<b>Net Weight</b>	4.9 lb(US) (2.2 kg)
<b>Quantity per Set</b>	1
<b>Phase connection</b>	ABC
<b>Communication interface</b>	Modbus Ethernet
<b>Circuit breaker application</b>	HACR rated

## Environment

<b>Quality labels</b>	CE
<b>Standards</b>	UL CSA NEMA NOM-003-SCFI-2000 IEC 60947-2
<b>Product certifications</b>	UL CSA NOM
<b>IP degree of protection</b>	Front cover IP40 IEC 60529
<b>Pollution degree</b>	3 IEC 60947-1
<b>Ambient Air Temperature for Operation</b>	-13...158 °F (-25...70 °C)
<b>Ambient Air Temperature for Storage</b>	-58...185 °F (-50...85 °C)
<b>Operating altitude</b>	< 6561.68 ft (2000 m) without derating 5000 m with derating

## Ordering and shipping details

<b>Category</b>	US10DE201104
<b>Discount Schedule</b>	0DE2
<b>GTIN</b>	785901564287
<b>Returnability</b>	Yes
<b>Country of origin</b>	US

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.375 in (13.653 cm)
Package 1 Width	8.125 in (20.638 cm)
Package 1 Length	14.625 in (37.148 cm)
Package weight(Lbs)	8.0006 lb(US) (3.629 kg)

## Contractual warranty

Warranty	18 months
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## 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 >](#)

### Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) 250

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

REACH Regulation [REACH 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](http://www.P65Warnings.ca.gov)

PVC free Yes

## Use Again

### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Removable battery No

Take-back No

Technical Illustration

Dimensions

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