Product data sheet
Characteristics

NHDL36150
PowerPact Mutistandard Circuit Breaker,ThermMagn,150A,3P,600V,14kA

Main

Range of product	PowerPact multistandard
Range	PowerPact
Product name	H-Frame
Device short name	H-Frame
Product or Component Type	Circuit-breaker
Device Application	Distribution

Complementary

Poles description	3P
Control Type	Toggle
Mounting Mode	Unit mount
Mounting Support	DIN rail Flush Backplate
Electrical connection	Lugs line side Lugs load side
Wire Size	AWG 14...AWG 3/0 aluminium/copper)1
Line Rated Current	100 A 104 °F (40 °C)
[Ui] rated insulation voltage	750 V AC 50/60 Hz IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV IEC 60947-2
[Ue] rated operational voltage	525 V AC 50/60 Hz IEC 60947-2 690 V AC 50/60 Hz IEC 947-2 600 V AC 50/60 Hz UL 489
Breaking capacity code	D
Suitability for isolation	Yes
Utilisation category	Category A
Mechanical durability	4000 cycles
Electrical durability	4000 cycles
Connection pitch	1.77 in (45 mm)
Local signalling	ON/OFF indication
Contact position indicator	Yes
Breaking capacity	Icu 25 kA 220/240 V - AC IEC 947-2 Icu 18 kA 380/415 V - AC IEC 947-2 Icu 18 kA 440/480 V - AC IEC 947-2 Icu 14 kA 500/525 V - AC IEC 947-2 25 KA 240 V - AC UL 489 18 KA 480 V - AC UL 489 14 kA 600 V - AC UL 489
[Ics] rated service breaking capacity	Ics 25 kA 220/240 V - AC IEC 947-2 Ics 18 kA 380/415 V - AC IEC 947-2 Ics 18 kA 440/480 V - AC IEC 947-2 Ics 14 kA 500/525 V - AC IEC 947-2
Long time pick-up adjustment type Ir	Fixed
Long time pick-up adjustment range	1 In
Short-time pick-up adjustment type Isd	Fixed
[Isd] short-time pick-up adjustment range	750 A

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Overvoltage category	II
Provision for padlocking	Non padlockable
Height	6.42 in (163 mm)
Width	4.09 in (104 mm)
Depth	3.39 in (86 mm)
Standards	UL 489 NMX J-266 W-C-375B/GEN IEC 60947-2 NEMA AB1 CSA C22.2 No 5
Product Certifications	CE CCC
Product Weight	4.85 lb(US) (2.2 kg)

Environment

IP degree of protection	IP40 conforming to IEC 60539
IK degree of protection	IK07 IEC 62262
Pollution degree	3 IEC 60947-1 3 IEC 60664-1
Ambient Air Temperature for Operation	104 °F (40 °C)
Ambient Air Temperature for Storage	-58…185 °F (-50…85 °C)

Ordering and shipping details

GTIN	785901615163
Nbr. of units in pkg.	1
Package weight(Lbs)	5.00 lb(US) (2.268 kg)

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.5 dm
Package 1 width	1.9 dm
Package 1 Length	2.25 dm

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
PVC free	Yes