Product data sheet
Characteristics

HDM36090
Circuit breaker, PowerPacT H, thermal magnetic, unit mount, 90A, 3 pole, 14 kA, 600 VAC, 80% rated



Main

Product or component type	Circuit breaker
Range of product	PowerPact H
Trip Unit Type	Thermal-magnetic
Breaking capacity code	D

Complementary

Line Rated Current	90 A
Number of Poles	3P
Interrupt Rating	25 KA 240 V AC 18 KA 480 V AC 14 KA 600 V AC 20 kA 250 V DC
[Ue] rated operational voltage	250 V DC 600 V AC
Continuous current rating	80 %
Mounting mode	Unit mount
Electrical connection	Terminal nut load Lugs line
Magnetic hold current	800 A
Magnetic tripping current	1450 A
Wire Gauge	AWG 14...AWG 3/0 aluminium/copper
Height	6.4 in (162.56 mm)
Width	4.12 in (104.65 mm)
Maximum Depth	4.36 in (110.74 mm)

Environment

Product certifications	CCC UL Listed CSA IEC CE
Ambient air temperature for operation	104 °F (40 °C)

Ordering and shipping details

Category	01110-HD,JD UNIT MT BREAKER/SWITCH
Discount Schedule	DE2
Package weight(Lbs)	5.00 lb(US) (2.268 kg)
Returnability	Yes
Country of origin	US

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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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

Contractual warranty

Warranty	18 months