

# Eaton

## PDG63M1600P4MN

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 6, Three Pole, 1600A, 65kA/480V, PXR25 ARMS LSI w/ Modbus RTU and Relays, No Terminals

|                      |                                                 |
|----------------------|-------------------------------------------------|
|                      |                                                 |
| PRODUCT NAME         | Eaton Power Defense molded case circuit breaker |
| CATALOG NUMBER       | PDG63M1600P4MN                                  |
| UPC                  | 786679374559                                    |
| PRODUCT LENGTH/DEPTH | 247.7 mm                                        |
| PRODUCT HEIGHT       | 406.4 mm                                        |
| PRODUCT WIDTH        | 393.7 mm                                        |
| PRODUCT WEIGHT       | 77.11 kg                                        |
| COMPLIANCES          | RoHS Compliant                                  |
| CERTIFICATIONS       | CSA<br>CCC Marked<br>IEC 60947-2<br>UL 489      |

|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| AMPERAGE RATING                          | 1600 A                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| VOLTAGE RATING                           | 600 Vac                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| TRIP TYPE                                | T292                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CIRCUIT BREAKER TYPE                     | PD6 Global                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CIRCUIT BREAKER FRAME TYPE               | Complete breaker                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| TERMINALS                                | No Terminals                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| FRAME                                    | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CLASS                                    | Class A                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| COMMUNICATION                            | Modbus RTU                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| INTERRUPT RATING                         | 65 kAIC at 480 Vac                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RATED OPERATION VOLTAGE (UE) AT AC - MAX | 600                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SWITCH OFF TECHNIQUE                     | Electronic                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| VOLTAGE RATING - MAX                     | 600 V                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| INTERRUPT RATING RANGE                   | 50 kAIC Icu/ 30 kAIC Ics/<br>105 kAIC Icm @480V Brazil (IEC)<br>50 kAIC Icu/ 40 kAIC Ics/<br>105 kAIC Icm @440V (IEC)<br>15 kAIC Icu/ 7.5 kAIC Ics/<br>31.5 kAIC Icm @690V (IEC)<br>70 kAIC Icu/ 50 kAIC Ics/<br>154 kAIC Icm @380-415V (IEC)<br>100 kAIC @240V (UL)<br>100 kAIC Icu/ 100 kAIC Ics/<br>220 kAIC Icm @240V (IEC)<br>65 kAIC @480/277V (UL)<br>30 kAIC Icu/ 25 kAIC Ics/ 63 kAIC Icm @525V South Africa (IEC)<br>35 kAIC @600/347V (UL) |
| NUMBER OF POLES                          | Three-pole                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SPECIAL FEATURES                         | Modbus / relays                                                                                                                                                                                                                                                                                                                                                                                                                                       |



|                 |
|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
| :               |



Eaton House  
30 Pembroke Road  
Dublin 4,  
Eaton.com

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