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## Eaton PDG42K0800D4MK

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 4, Two Pole, 800A, 50kA/480V, PXR20D ARMS LSI w/ Modbus RTU and Relays, Standard Terminals Line Only (PDG4X2TA800)

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|-----------------------------|-------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Power Defense molded case circuit breaker |
| <b>CATALOG NUMBER</b>       | PDG42K0800D4MK                                  |
| <b>UPC</b>                  | 786679958292                                    |
| <b>PRODUCT LENGTH/DEPTH</b> | 111.2 mm                                        |
| <b>PRODUCT HEIGHT</b>       | 406.4 mm                                        |
| <b>PRODUCT WIDTH</b>        | 209.6 mm                                        |
| <b>PRODUCT WEIGHT</b>       | 12 kg                                           |
| <b>COMPLIANCES</b>          | RoHS Compliant                                  |
| <b>CERTIFICATIONS</b>       | IEC 60947-2<br>CSA<br>UL 489<br>CCC Marked      |

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| AMPERAGE RATING                          | 800 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| VOLTAGE RATING                           | 600 Vac                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| TRIP TYPE                                | T288                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CIRCUIT BREAKER TYPE                     | PD4 Global                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CIRCUIT BREAKER FRAME TYPE               | Complete breaker                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| TERMINALS                                | Standard Terminals Line Only                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| FRAME                                    | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CLASS                                    | Class A                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| COMMUNICATION                            | Modbus RTU                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| INTERRUPT RATING                         | 50 kAIC at 480 Vac                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RATED OPERATION VOLTAGE (UE) AT AC - MAX | 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SWITCH OFF TECHNIQUE                     | Electronic                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| VOLTAGE RATING - MAX                     | 600 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| INTERRUPT RATING RANGE                   | 25 kAIC @600V (UL/CSA)<br>25 kAIC Icu/ 20 kAIC Ics/<br>52.5 kAIC Icm @525V<br>South Africa (IEC)<br>35 kAIC Icu/ 22.5 kAIC Ics/<br>73.5 kAIC Icm @480V<br>Brazil (IEC)<br>35 kAIC Icu/ 35 kAIC Ics/<br>73.5 kAIC Icm @440V (IEC)<br>50 kAIC @480V (UL)<br>85 kAIC @240V (UL)<br>22 kAIC Icu @250 Vdc<br>50 kAIC Icu/ 50 kAIC Ics/<br>105 kAIC Icm @380-415V (IEC)<br>10 kAIC Icu/ 5 kAIC Ics/ 21 kAIC Icm @690V (IEC)<br>85 kAIC Icu/ 85 kAIC Ics/<br>187 kAIC Icm @240V (IEC) |
| NUMBER OF POLES                          | Two-pole                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SPECIAL FEATURES                         | Modbus / relays                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

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