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## Eaton PDG33MH250E4ZL

Power Defense Globally Rated, Frame 3,  
Three Pole, 250A-High, 65kA/480V, PXR20  
ARMS LSI w/ ZSI and Relays, Std Term Load  
Only (PDG3X3TA401H)

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|---------------------------------|-------------------------------------------------------|
| <b>PRODUCT NAME</b>             | Eaton Power Defense<br>molded case circuit<br>breaker |
| <b>CATALOG NUMBER</b>           | PDG33MH250E4ZL                                        |
| <b>UPC</b>                      | 786679914984                                          |
| <b>PRODUCT<br/>LENGTH/DEPTH</b> | 109.1 mm                                              |
| <b>PRODUCT HEIGHT</b>           | 257.1 mm                                              |
| <b>PRODUCT WIDTH</b>            | 138.9 mm                                              |
| <b>PRODUCT WEIGHT</b>           | 5.92 kg                                               |
| <b>COMPLIANCES</b>              | RoHS Compliant                                        |
| <b>CERTIFICATIONS</b>           | UL 489<br>CCC Marked<br>CSA<br>IEC 60947-2            |

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| AMPERAGE RATING                          | 250A High Override                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| VOLTAGE RATING                           | 600 Vac                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| TRIP TYPE                                | T284                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CIRCUIT BREAKER TYPE                     | PD3 Global                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CIRCUIT BREAKER FRAME TYPE               | Complete breaker                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| TERMINALS                                | Standard Terminals Load Only                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| FRAME                                    | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CLASS                                    | Class A                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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                   | 100 kAIC Icu/ 100 kAIC Ics/<br>220 kAIC Icm @240V (IEC)<br>100 kAIC @240V (UL)<br>30 kAIC Icu/ 15 kAIC Ics/ 63<br>kAIC Icm @525V South<br>Africa (IEC)<br>50 kAIC Icu/ 30 kAIC Ics/<br>105 kAIC Icm @480V Brazil<br>(IEC)<br>15 kAIC Icu/ 7.5 kAIC Ics/<br>31.5 kAIC Icm @690V (IEC)<br>50 kAIC Icu/ 40 kAIC Ics/<br>105 kAIC Icm @440V (IEC)<br>35 kAIC @600V (UL/CSA)<br>65 kAIC @480V (UL)<br>70 kAIC Icu/ 53 kAIC Ics/<br>154 kAIC Icm @380-415V<br>(IEC)<br>22 kAIC Icu @250 Vdc |
| NUMBER OF POLES                          | Three-pole                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| TRIP RATING                              | 250 A high override                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SPECIAL FEATURES                         | ZSI / Relays                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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