

# Eaton PDG14M0090TFFK

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 1, Four Pole (100% N), 90A, 65kA/480V, T-M (Fxd-Fxd) TU, Standard Terminals Line Only (PDG1X4T125)

|                      |                                                 |
|----------------------|-------------------------------------------------|
|                      |                                                 |
| PRODUCT NAME         | Eaton Power Defense molded case circuit breaker |
| CATALOG NUMBER       | PDG14M0090TFFK                                  |
| UPC                  | 786679913420                                    |
| PRODUCT LENGTH/DEPTH | 75.95 mm                                        |
| PRODUCT HEIGHT       | 139.7 mm                                        |
| PRODUCT WIDTH        | 101.6 mm                                        |
| PRODUCT WEIGHT       | 2.22 kg                                         |
| COMPLIANCES          | RoHS Compliant                                  |
| CERTIFICATIONS       | UL 489<br>CSA<br>IEC 60947-2<br>CCC Marked      |

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|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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| AMPERAGE RATING                          | 90 A                                                                                                                                                                                                                                        |
| VOLTAGE RATING                           | 600 Vac                                                                                                                                                                                                                                     |
| TRIP TYPE                                | T298                                                                                                                                                                                                                                        |
| CIRCUIT BREAKER TYPE                     | PD1 Global                                                                                                                                                                                                                                  |
| CIRCUIT BREAKER FRAME TYPE               | Complete breaker                                                                                                                                                                                                                            |
| PROTECTION                               | 100% neutral protection                                                                                                                                                                                                                     |
| TERMINALS                                | Standard Terminals Line Only                                                                                                                                                                                                                |
| FRAME                                    | 1                                                                                                                                                                                                                                           |
| CLASS                                    | Class A                                                                                                                                                                                                                                     |
| INTERRUPT RATING                         | 65 kAIC at 480 Vac                                                                                                                                                                                                                          |
| RATED OPERATION VOLTAGE (UE) AT AC - MAX | 600                                                                                                                                                                                                                                         |
| SWITCH OFF TECHNIQUE                     | Thermomagnetic                                                                                                                                                                                                                              |
| VOLTAGE RATING - MAX                     | 600 V                                                                                                                                                                                                                                       |
| INTERRUPT RATING RANGE                   | 65 kAIC @480V (UL)<br>100 kAIC @240V (UL)<br>35 kAIC Icu @250 Vdc<br>35 kAIC Icu @125 Vdc<br>100 kAIC Icu/ 100 kAIC Ics/<br>220 kAIC Icm @240V (IEC)<br>25 kAIC @600V (UL/CSA)<br>70 kAIC Icu/ 50 kAIC Ics/ 154<br>kAIC Icm @380-415V (IEC) |
| NUMBER OF POLES                          | Four-pole (100% N)                                                                                                                                                                                                                          |

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