

# Specifications

Photo is representative

## Eaton PDG12XHMS507

Eaton Power Defense molded case circuit breaker accessory handle mechanism, 20-in (507 mm) Handle mechanism shaft, PD1 Global, Frame J-K, 600 V, 507 mm/20 in, Frame 1

### General specifications

<b>PRODUCT NAME</b>	Eaton Power Defense handle mechanism
<b>CATALOG NUMBER</b>	PDG12XHMS507
<b>MODEL CODE</b>	PDG12XHMS507
<b>UPC</b>	786679586587
<b>PRODUCT LENGTH/DEPTH</b>	507 mm
<b>PRODUCT HEIGHT</b>	6.35 mm
<b>PRODUCT WIDTH</b>	20 mm
<b>PRODUCT WEIGHT</b>	0.23 kg
<b>WARRANTY</b>	Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.
<b>COMPLIANCES</b>	RoHS Compliant
<b>CERTIFICATIONS</b>	CSA IEC 60947-2 UL 489 CCC Marked



Powering Business Worldwide

## Delivery program

**APPLICATION** 20-in (507 mm) Handle mechanism shaft

**FRAME** 1

## Other

**SHAFT LENGTH** 507 mm / 20 in

## General information

**CIRCUIT BREAKER TYPE** PD1 Global

**FRAME SIZE** Frame J-K

**SERIES** Power Defense

## Resources

### BROCHURES

[Power Defense molded case circuit breaker selection poster](#)

[Power Defense technical selling booklet](#)

[Power Defense brochure](#)

[Power Defense molded case circuit breakers - Frame 1 product aid](#)

### CATALOGS

[Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2](#)

### CERTIFICATION REPORTS

[EU Declaration of Conformity - Power Defense molded case circuit breakers](#)

[Power Defense Declaration concerning California's Proposition 65](#)

### INSTALLATION INSTRUCTIONS

[Power Defense Frame 1 UL global lock padlockable handle hasp IL012180EN](#)

[Power Defense Frame 2 Handle Mech Variable Depth Rotary Handle Instructions](#)

[Power Defense Frame 1 UL global screw terminal end cap kit 125A 2P - IL012162EN](#)

[Power Defense Frame 1 UL global tunnel terminal \(aluminum\) 125A 2P - IL012166EN H02](#)

[Power Defense Frame 1 UL global screw terminal end cap kit metric 125A 2P - IL012170EN](#)

[Power Defense Frame 1  
UL global Padlockable  
Handle Lock Hasp -  
IL012225EN](#)

[Power Defense Frame 1  
UL Global variable depth  
rotary handle mech  
installation instructions -  
IL012308EN](#)

[Power Defense Frame 1  
UL global handle block  
padlockable - IL012178EN](#)

[Power Defense Frame 1  
UL global box terminal  
\(steel\) 125A 2P -  
IL012165EN H02](#)

[Power Defense Frame 1  
UL global interphase  
barrier instructions -  
IL012313EN](#)

[Power Defense Frame 1  
UL global interphase  
barrier - IL012176EN](#)

[Power Defense Frame 1  
IEC and Frame 2 Rotary  
Mechanism with NFPA  
Handle Attachment  
Instructions  
\(IL012260EN\).pdf](#)

[Power Defense  
padlockable handle lock  
hasp top off only  
installation instructions -  
IL012226EN](#)

[Power Defense Frame 1  
Instructions - IL012152EN](#)

[Power Defense Frame 1-2-  
3-4 IP door barrier  
assembly instructions -  
IL012278EN](#)

[Power Defense Frame 1  
UL global DIN rail adapter  
2, 3, 4-pole - IL012185EN](#)

[Power Defense Frame 1  
UL global handle block  
padlockable off only -  
IL012179EN](#)

	<a href="#">Power Defense Frame 1 UL global handle block non padlockable - IL012177EN</a>
<b>INSTALLATION VIDEOS</b>	<a href="#">Power Defense Frame 1 UL Global Aux, Alarm, ST and UVR Animated Instructions.rh</a> <a href="#">Power Defense Frame 2 Handle Mech Variable Depth Rotary Handle Animated Instructions.rh</a>
<b>MULTIMEDIA</b>	<a href="#">Power Defense Frame 2 Variable Depth Rotary Handle Mechanism Installation How-To Video</a> <a href="#">Power Defense Frame 3 Variable Depth Rotary Handle Mechanism Installation How-To Video</a> <a href="#">Power Defense molded case circuit breakers</a> <a href="#">Eaton Power Defense for superior arc flash safety</a> <a href="#">Power Defense Breakers</a> <a href="#">Power Defense Frame 6 Trip Unit How-To Video</a> <a href="#">Power Defense Frame 5 Trip Unit How-To Video</a>
<b>SPECIFICATIONS AND DATASHEETS</b>	<a href="#">Eaton Specification Sheet - PDG12XHMS507</a>
<b>TIME/CURRENT CURVES</b>	<a href="#">Power Defense time current curve Frame 1 - PDG1</a>
<b>WHITE PAPERS</b>	<a href="#">Single and double break MCCB performance revisited</a> <a href="#">Safer by design: arc energy reduction techniques</a> <a href="#">Molded case and low-voltage breaker health</a>

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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