

Typically used in DC power systems in marine applications (as a main or branch circuit breaker), truck and bus systems, RV systems, add-on protection for accessories, lift gates, etc.

IGNITION  
PROTECTED  
IP66

## Features:

- Single lever for manual reset switching operations.
- Capable of withstanding 3000 on/off cycles at 48VDC.
- Ignition Protected and weatherproof.
- Corrosion resistive materials.
- Large clearance around studs to accept large gauge wire lugs.

## Surface Mount Manual Reset TIII Switchable

Part Number

I87025F-03-I  
I87030F-03-I  
I87035F-03-I  
I87040F-03-I  
I87050F-03-I  
I87060F-03-I  
I87070F-03-I  
I87080F-03-I  
I87100F-03-I  
I87110F-03-I  
I87120F-03-I  
I87135F-03-I  
I87150F-03-I  
I87200F-03-I

## Panel Mount Manual Reset TIII Switchable

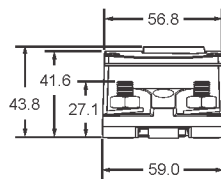
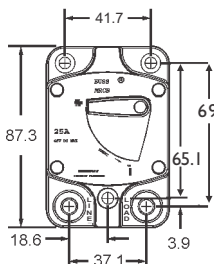
Part Number

I87025P-03-I  
I87030P-03-I  
I87035P-03-I  
I87040P-03-I  
I87050P-03-I  
I87060P-03-I  
I87070P-03-I  
I87080P-03-I  
I87100P-03-I  
I87110P-03-I  
I87120P-03-I  
I87135P-03-I  
I87150P-03-I  
I87200P-03-I

Ampere  
Rating

25A  
30A  
35A  
40A  
50A  
60A  
70A  
80A  
100A  
110A  
120A  
135A  
150A  
200A

## Surface Mount Manual Reset



5/16"-18  
Threaded Studs

**Voltage:** 48VDC

**I.R.:** Main Breaker Protection.

5kA at 14VDC, 3kA at 28VDC, 1.5kA at 48VDC

**Reset Mechanism:** Type TIII, Manual reset & switchable.

**Pack Size:** Stock lines 1pc, indent items 60pcs.

**Mounting Options:** Surface or Panel Mount.

**Operating Temp:** -40°C to 85°C.

**Storage Temp:** -40°C to 125°C

**Materials:** Base UL-Rated 94V-0 thermoset plastic.

Cover & lever UL-Rated 94V-0 thermoplastic.

**Marking:** Standard marking includes amp/volt ratings.

**Terminal Hardware:** Stainless nuts & lock washers installed.

**Termination:** 5/16"-18 threaded studs.

**Torque Rating:** 8.5Nm max.

**Mounting Torque Rating:** 5.6Nm max.

**Ingress Protection Rating:** IP66

**Approvals:** SAE J1171, ABYC E-11 CE

## Panel Mount Manual Reset



NEW

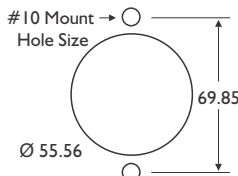
**Series 87.**  
Marine Rated  
Circuit Breakers.  
Panel or Surface Mount  
48VDC  
25A through to 250A.



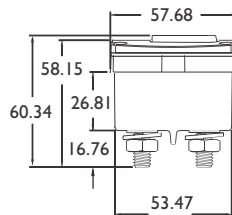
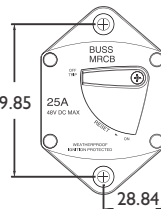
Scan this  
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for more  
information

QR Code: 10004

## Recommended Panel Mounting Cut-Out



## Recessed Mounting Hole for #10 Screws



Dimensions in MM

5/16"-18 Threaded Studs

**Datasheet: 10006**

**PROLEC**

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