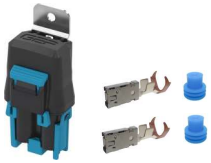
# Table of Contents


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| 3 | Terminals & Seals |  |
| 4-5 | Dimensions |  |




Email: info@prolecproducts.com.au
Web: www.prolecproducts.com.au

# MAXI FUSE IN-LINE HOLDER WATER PROOF - FRH MAXI

IP69K IP67 NEW

This kit features the GEP FRH Maxi Fuse holder. A single-position sealed Maxi fuse holder with IP67/IP69K protection for high-current circuit protection in harsh environments. The compact housing supports mounting brackets and cover lock accessories and is used for main power feeds in powersports, outdoor power equipment, and heavy-duty vehicles.

## Features

- Bracket mounted cover allows easy access to Maxi fuse inside holder body.
- The FRH Maxi fuse holder is P67 and IP69K rated to withstand harsh environments and provide superior sealing performance.
- Various mounting brackets available.
- Cover lock (CPA) and Terminal Position Assurance (TPA) are available.

| Part Number | Kit Contents |
|---|---|
| FRH-MAXK2 | 32V Module Kit with holder, terminals & seals |

## MODULE KIT INCLUDES:

| Part Number | Component Details |
|---|---|
| SC27-2001A-B001 | Maxi Fuse Cover |
| SC42-2007A-B001 | Maxi Fuse Holder Body and Seal 32V |
| FRH-A12-MB-A1 | Flat Bracket Zinc Steel. Anti-Rotation Tab |
| FRH-A-CPA | CPA - Cover Position Assurance Latch |
| PDM-TT4 | TPA - Terminal Position Assurance Clip |
| 28225306710 | 2 x Long Terminals 6 - 10mm² |
| PDM-TWS-L4 | 2 x Long Cable Seal 4.6 - 5.3mm dia. |



Assembled Module





Module Kit

**Voltage:** 32 VDC
**Body/Cover/TPA/CPA Material:** PBT
**Flammability:** UL94-V-0
**Cover Seal:** Silicone
**Note:** Maxi fuse is not included.
**Approvals:** RoHS



Mounted Module

## RELATED PRODUCTS



Maxi Fuses 32VDC



Terminals, Cable Seals & Cavity Plugs
Please refer for page 3 for alternate options.

# MAXI FUSE IN-LINE HOLDER WATER PROOF - FRH MAXI

GEP POWER PRODUCTS

IP69K IP67 NEW

The GEP FRH Maxi Fuse Series is a single-position sealed Maxi fuse holder with IP67/IP69K protection for high-current circuit protection in harsh environments. The compact housing supports mounting brackets and cover lock accessories and is used for main power feeds in powersports, outdoor power equipment, and heavy-duty vehicles.



SC27-2001A-B001

## Features

- Bracket mounted cover allows easy access to Maxi fuse inside holder body.
- The FRH Maxi fuse holder is P67 and IP69K rated to withstand harsh environments and provide superior sealing performance.
- Various mounting brackets available.
- Cover lock (CPA) and Terminal Position Assurance (TPA) are available.

| Part Number | Individual Component Ordering |
|---|---|
| SC27-2001A-B001 | Maxi Fuse Cover |
| SC42-2007A-B001 | Maxi Fuse Holder Body and Seal 32V |
| FRH-A12-MB-A1 | Flat Bracket Zinc Steel. Anti-Rotation Tab |
| FRH-A12-MB-A2 | Flat Bracket Stainless 304. Anti-Rotation Tab |
| FRH-A-CPA | CPA - Cover Position Assurance Latch |
| PDM-TT4 | |



PDM-TT4



SC42-2007A-B001

**Voltage:** 32 VDC
**Body/Cover/TPA/CPA Material:** PBT
**Flammability:** UL94-V-0
**Cover Seal:** Silicone
**Note:** Maxi fuse is not included.
**Approvals:** RoHS



Assembled Module



FRH-A12-MB-A1
FRH-A12-MB-A2



FRH-A-CPA

## Maxi Fuse 8mm terminals (2pcs per fuse)

**SHORT TERMINALS:** Lear Mak8 Plus
Female sealed - Copper



| Part Number | Wire (AWG) | Wire ($mm^2$) | Plating |
|---|---|---|---|
| 28469306189 | #13 - #11 | 2.5 - 4.0 | Silver Tin |
| 28459306189 | #9 - #7 | 6.0 - 10.0 | Silver Tin |

## Maxi Fuse 8mm terminals (2pcs per fuse)

**LONG TERMINALS:** Lear Mak8 Plus
Female sealed - Copper



| Part Number | Wire (AWG) | Wire ($mm^2$) | Plating |
|---|---|---|---|
| 28224306710 | #13 - 11 | 2.5 - 4.0 | Silver |
| 28225306710 | #9 - #7 | 6.0 - 10.0 | Silver |
| 28243306710 | #7 - #5 | 10.0 - 16.0 | Silver |

**SHORT CABLE SEALS:**
Silicone, GEP



| Part Number | Cable Dia. (mm) | Colour |
|---|---|---|
| PDM-TWS-S1 | 2.7 - 3.0 | Green |
| PDM-TWS-S2 | 3.4 - 3.8 | Purple |
| PDM-TWS-S3 | 4.0 - 4.5 | Orange |
| PDM-TWS-S4 | 4.6 - 5.3 | Light Blue |
| PDM-TWS-S5 | 5.8 - 6.6 | Gray |

**LONG CABLE SEALS:**
Silicone, GEP

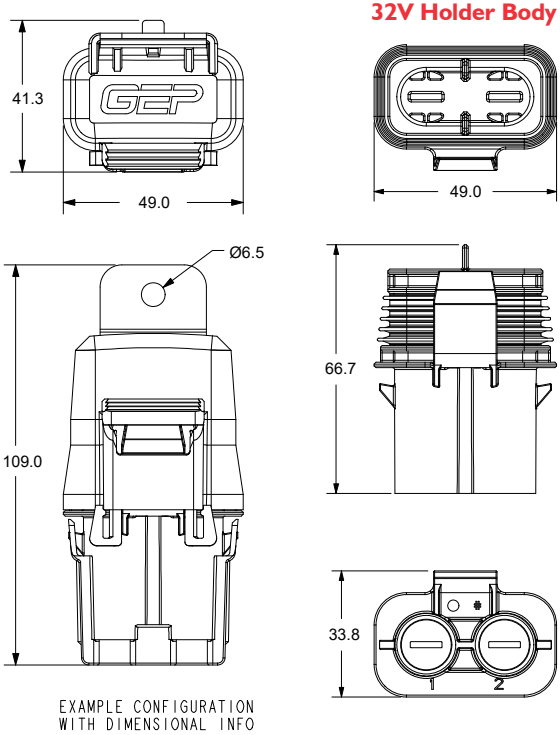


| Part Number | Cable Dia. (mm) | Colour |
|---|---|---|
| PDM-TWS-L1 | 2.7 - 3.0 | Green |
| PDM-TWS-L2 | 3.4 - 3.8 | Purple |
| PDM-TWS-L3 | 4.0 - 4.5 | Orange |
| PDM-TWS-L4 | 4.6 - 5.3 | Light Blue |
| PDM-TWS-L5 | 5.8 - 6.6 | Gray |
| PDM-TWS-L6 | 6.5 - 7.8 | Red |

## RELATED PRODUCTS



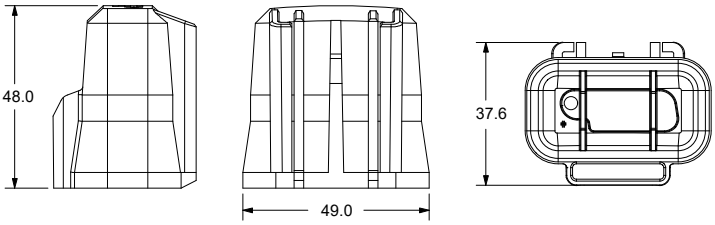
Maxi Fuses 32VDC




EXAMPLE CONFIGURATION
WITH DIMENSIONAL INFO

## 32V Holder Body

## Cover

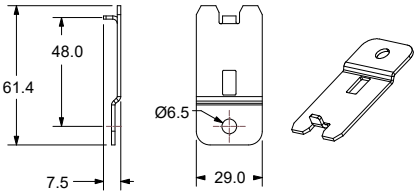



Dimensions in MM

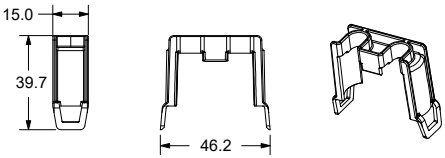


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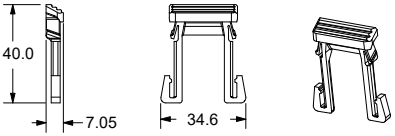
## Flat Bracket




## Terminal Position Assurance




## Cover Position Assurance




Dimensions in MM


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