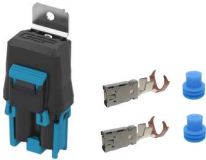


Table of Contents

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3	Module & Parts 
3	Terminals & Seals 
4-5	Dimensions 

MAXI FUSE IN-LINE HOLDER WATER PROOF - FRH MAXI



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.

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 - 10mm ²
PDM-TWS-L4	2 x Long Cable Seal 4.6 - 5.3mm dia.

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



Module Kit



Mounted Module

RELATED PRODUCTS



Maxi Fuses
32VDC or 58VDC



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

MAXI FUSE IN-LINE HOLDER WATER PROOF - FRH MAXI



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IP69K **IP67** **NEW**

Features

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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	TPA - Terminal Position Assurance Clip

Voltage: 32 VDC

Body/Cover/TPA/CPA Material: PBT

Flammability: UL94-V-0

Cover Seal: Silicone

Note: Maxi fuse is not included.

Approvals: RoHS



SC27-2001A-B001



PDM-TT4



SC42-2007A-B001



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



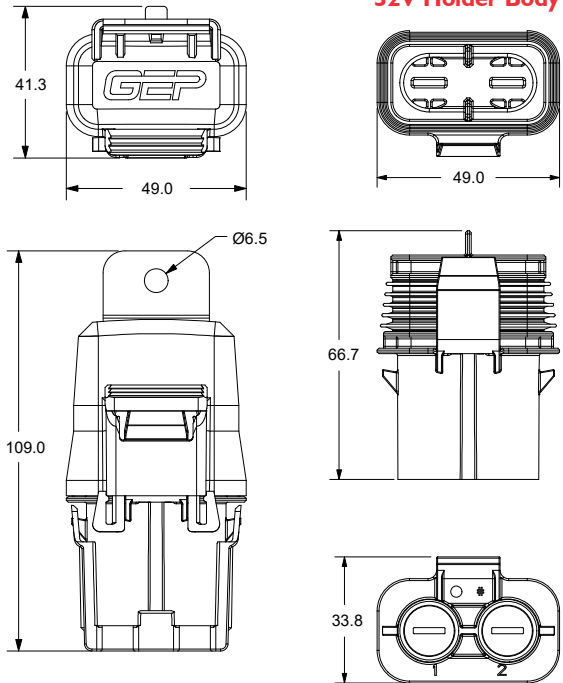
Part Number	Cable Dia. (mm)	Colour
PDM-TWS-L1	2.7 - 3.0	Green
PDM-TWS-L2	3.4 - 3.8	Purple
PDM-TWS-L3	4.0 - 4.5	Orange
PDM-TWS-L4	4.6 - 5.3	Light Blue
PDM-TWS-L5	5.8 - 6.6	Gray
PDM-TWS-L6	6.5 - 7.8	Red

RELATED PRODUCTS



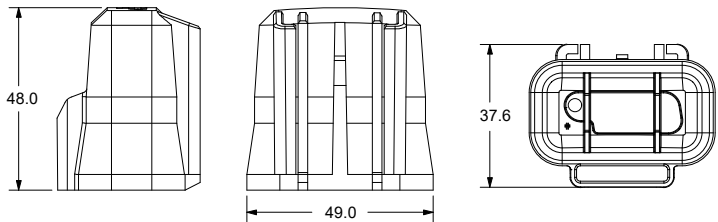
Maxi Fuses
32VDC or 58VDC

32V Holder Body



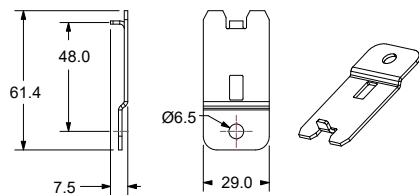
EXAMPLE CONFIGURATION
WITH DIMENSIONAL INFO

Cover

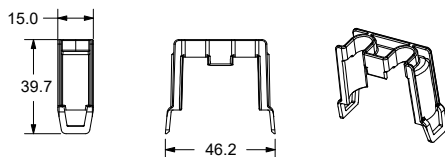


Dimensions in MM

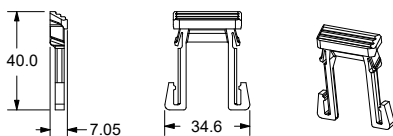
Flat Bracket



Terminal Position Assurance



Cover Position Assurance



Dimensions in MM