



# SEALED MINI FUSE HOLDER

## Industrial & Commercial Transportation

On the road or at the worksite, you need quick access to reliable circuit protection. Our compact, IP67 rated, two position mini fuse holder accepts AMP MCP (Multiple Contact Point) 2.8 contacts and can be mounted using standard DEUTSCH DT and AMPSEAL 16 connector mounting clips. This sealed mini fuse holder is engineered for reliability in applications where failure is not an option.

Constructed of heavy-duty thermoplastic to withstand severe vibration and mechanical shock, this fuse holder can accommodate two active fuses and two spares. With our mounting clips, available in 90° and 180° options and in thermoplastic or metal material, you can easily add accessible circuit protection into your heavy-duty vehicle and equipment.

### FEATURES

- Compact size
- Accommodates two active and two spare fuses
- Environmentally sealed IP67 rating
- Available with integrated mounting feature, or dovetail that accepts mounting clips
- Due to mounting being on the housing assembly instead of the cover, there is a reduced applied load on the seal, which provides a more robust seal interface

### BENEFITS

- Quickly and easily add a sealed fuse anywhere
- Several mounting options, with readily available mounting clips
- Accepts industry standard mini fuses
- Uses high performance AMP MCP terminal system for proven reliability

## Sealed Mini Fuse Holder

### ORDERING INFORMATION

| Housing Description                                                | Part Number   |
|--------------------------------------------------------------------|---------------|
| Housing, integrated mounting feature for customer supplied bracket | 2066046-1     |
| Housing, dovetail for mounting clips                               | 2066046-2     |
| Cover Description                                                  | Part Number   |
| Cover, 25A & 15A markings                                          | 2066502-1     |
| Cover, 25A & 10A markings                                          | 2066502-2     |
| Cover, with no current markings                                    | 2066502-3     |
| Terminals and Seals Description                                    | Part Number   |
| AMP MCP 2.8 mm receptacle contact, 14 AWG, tin plated              | 1-968857-1*   |
| AMP MCP 2.8 mm receptacle contact, 12 AWG, tin plated              | 1-1719506-1*  |
| Wire seal, 2.5 mm for use with 1-1719506-1 contact                 | 282536-1      |
| Wire seal, 2.2-3.0 mm                                              | 828905-1      |
| Sealing plug                                                       | 828922-1      |
| Tooling Description                                                | Part Number   |
| Contact removal tool                                               | 1579007-1     |
| Fuse puller                                                        | 1443998-1     |
| Recommended Mounting Clip Description                              | Part Number   |
| DT mounting clip, straight, SS, 11 mm                              | 1027-003-1200 |
| DT mounting clip, side, steel zinc, 11 mm                          | 1027-008-1200 |
| DT mounting clip, straight, black, fir tree                        | 1011-030-0205 |
| AMPSEAL 16 mounting clip (-1/2/3 options available)                | 1924487-1/2/3 |

\*= other plating & wire gauge options available

### SPECIFICATIONS

|                               |                              |
|-------------------------------|------------------------------|
| <b>Contact Insertion:</b>     | 15 N max                     |
| <b>Contact Retention:</b>     | 80 N min                     |
| <b>Sealing:</b>               | IP67                         |
| <b>Insulation Resistance:</b> | 100 M $\Omega$ min           |
| <b>Types of Fuses Used:</b>   | Mini fuse                    |
| <b>Spare Fuse Quantity:</b>   | 2, without electrical supply |
| <b>Working Temperature:</b>   | -40° to +125°C               |



Part number 2066046-2 pictured

### APPLICABLE DOCUMENTS

|                                   |           |
|-----------------------------------|-----------|
| <b>Product Specification:</b>     | 108-72108 |
| <b>Application Specification:</b> | 114-72110 |

### FUSE HOLDER CONTACT SYSTEM

2.8 mm AMP MCP terminal establishes multiple points of contact on both sides of each ATM mini fuse blade terminal, providing stable electrical connection and solid fuse retention performance, while the 3-gland wire seal provides redundant and robust sealing of wire and plastic housing.



### te.com/ict

AMP MCP, AMPSEAL 16, DEUTSCH, TE Connectivity, and TE Connectivity (logo) are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

© 2017 TE Connectivity Ltd. family of companies All Rights Reserved.

TS-ICT-2PNSFH 08/17 Revision

### PRODUCT SHEET

**TE Connectivity**  
**Industrial & Commercial Transportation**  
4849 Hempstead Station Drive  
Kettering, Ohio 45429 USA  
Tel 1-888-441-9982  
[www.te.com](http://www.te.com)