



Quick Reference Guide: Direct Wire Fuse and Relay Solutions for Commercial Vehicle Markets

Technical Features

40 Position (4x10):

- Designed for 2.8mm plug-in components
- Utilizes sealed AMP MCP 2.8mm receptacle terminals
- Multiple mounting configurations
- 18 AWG SLX - 12 AWG GXL
- Splash-proof
- Integrated harness strain relief

60 Position (5x12):

- Designed for 2.8mm plug-in components
- Utilizes sealed AMP MCP 2.8mm receptacle terminals
- Multiple mounting configurations
- 18 AWG SXL - 12 AWG GXL
- Sealed to IP67
- Cover Latch Position Assurance

Applications

- All-terrain vehicle (ATV), personal water craft and snowmobiles
- Marine
- Construction and agriculture equipment
- Motorcycles
- Truck and bus segments
- Auxiliary areas of OEM segments

Direct Wire Fuse and Relay Solutions - 40-Way Fuse Box

Part Number Description

1587335-1	Base assembly with Connector Position Assurance (CPA)
109853-1	Base
109854-1	Cover assembly with seal / top side graphic

Direct Wire Fuse and Relay Solutions - 60-Way Fuse Box

Part Number Description

1443997-1	Base assembly with seal and Connector Position Assurance (CPA)
1443997-2	Base assembly with seal
1443996-1	Cover assembly with spare fuse holders / top side graphic / standard height
1443966-2	Cover assembly without spare fuse holders / top side graphic / standard height
1443996-3	Cover assembly with spare fuse holders / without top side graphic / standard height
1443996-4	Cover assembly without spare fuse holders / without top side graphic / standard height
2098164-1	Cover assembly with spare fuse holders / top side graphic / raised height
2098164-2	Cover assembly without spare fuse holders / top side graphic / raised height
2098164-3	Cover assembly with spare fuse holders / without top side graphic / raised height
2098464-4	Cover assembly without spare fuse holders / without top side graphic / raised height

Direct Wire Fuse and Relay Solutions - Applicable Components

Part Number Description

1-968857-1	AMP MCP 2.8 Contact
828905-1	Wire Seal (for 1-968857-1)
828922-1	Cavity Plug
1443998-1	Fuse Removal Tool

Please call your local Tyco Electronics representative for personal assistance or visit our website: www.tycoelectronics.com.

Note: All Part Numbers are RoHS and ELV compliant.

Additional information for reference at design-in:

- Direct wire fuse and relay boxes can be assembled on the harness, and provided via the harness supplier.
- Multiple auxiliary PDM's can be assembled into a single vehicle's electrical wiring architecture.
- Can be mounted in areas away from hazardous sections of the vehicle or where areas of high heat or vibration are an issue.
- Serve in applications where volumes or design and implementation timing do not justify development of a new, custom CEB.
- Distributor Learning Library: www.tycoelectronics.com\distributor\training.asp



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