

POWERTRAIN SYSTEMS



SAFETY & SECURITY SYSTEMS



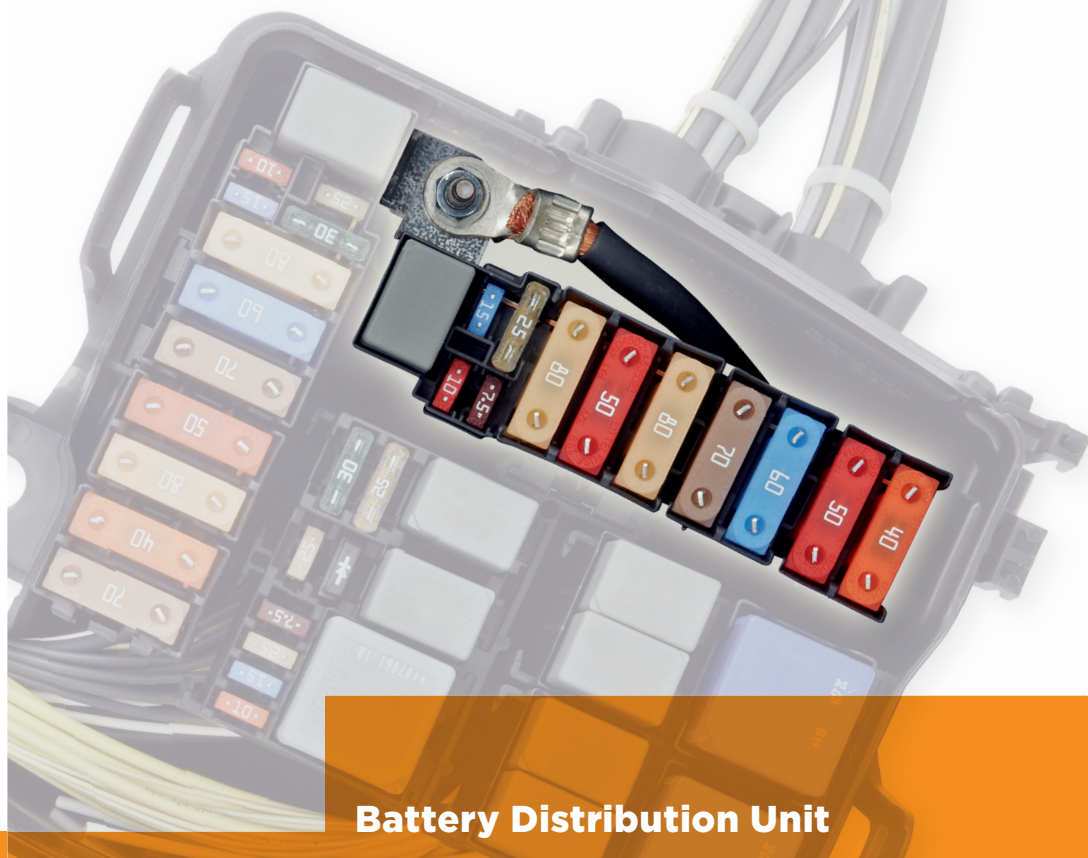
CONVENIENCE



DRIVER INFORMATION



BODY & CHASSIS SYSTEMS



Battery Distribution Unit

INTRODUCTION

TE Connectivity has developed pre-fuse modules which protect main wires in the harness and allow battery life time increase.

Our modules are compliant with most of automotive OEM requirements and offer a high reliability level.

Automotive Power Distribution Battery Distribution Unit

Fuse and Relay Holder 3 / 5 / 7 – High Current Fuses

Applications

- Convenience Harness
- Engine Harness

Technical Features

- Busbar technology supplying up to 7 high current fuses
- Compliant with MAXI, MINI and ATO fuse technology

Contact used:

Timer and NG family

Housing Material:

PBT GF 10

Can contain up to:

- 3 to 7 high current fuses
- 1 Micro relay
- 1 Medium fuse
- 3 Miniature fuses

Temperature Class:

-40°C to +100°C

Vibration Class:

3G

Sealed / Unsealed:

Unsealed

Product Specification:

108-15407

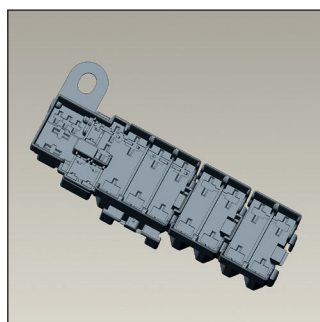
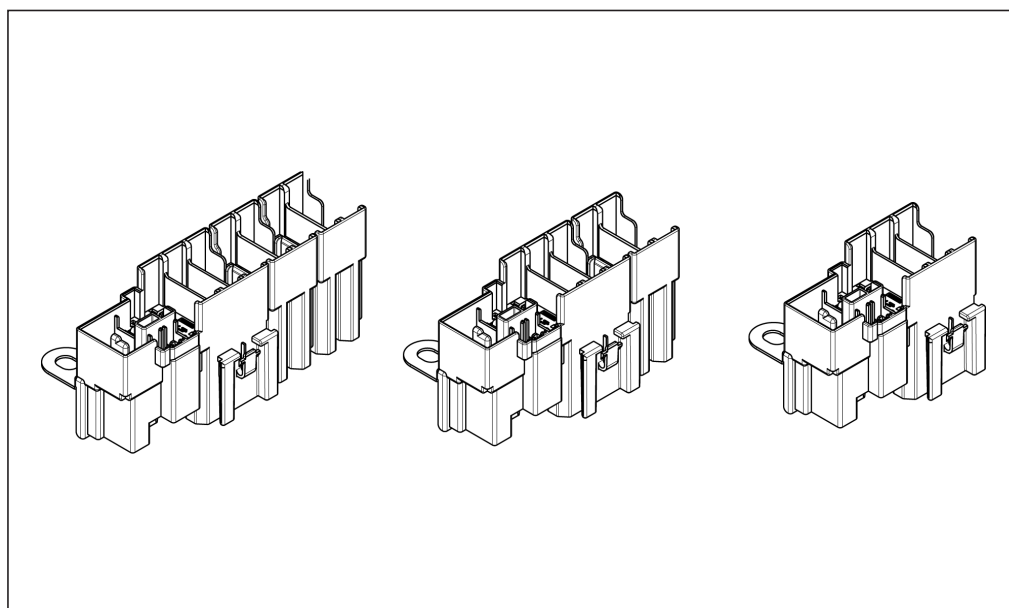
Application Specification:

408-15006

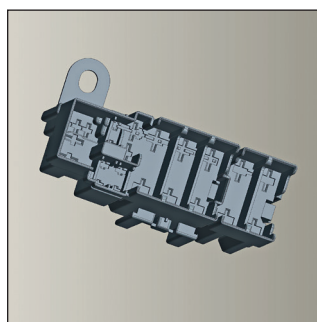
Can be used as stand-alone

module or in association with:

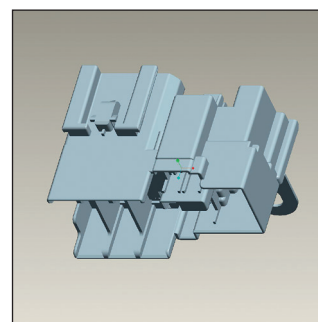
PN 1801627-2



PN 1801628-6
Represented



PN 1801628-5
Represented

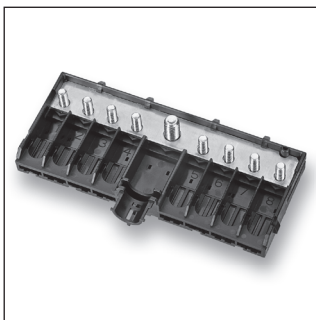


PN 1801628-4
Represented

Fuse and Relay Holder 3 / 5 / 7 – High Current Fuses

Part Number	Housing Color	Material	Recaptacles	Mating Contacts	Wire Size Range (mm²)	OCEAN Applicator
1801628-4 1801628-5 1801628-6	Black	PBT GF 10	JPT Receptacle	964280-2	0.2 – 0.5	2151065
				964284-2	0.5 – 1.0	2151099
				965999-2	1.0 – 2.5	2151062
				1241978-2	2.5 – 4.0	2266277
			SPT Receptacle	927831-2	0.5 – 1.0	2151176
				144617-1	1.0 – 3.0	2151989
				144433-1	3.0 – 5.0	2266635
			NG Receptacle	1801431-1	3.0 – 5.0	2266645
				1801432-1	6.0 – 7.0	2266646
				1801433-1	7.0 – 10	2266647

Automotive Power Distribution Battery Distribution Unit



Technical Features

Material:

PBT

Product Specification:

108-94263

Application Specification:

114-94090

Order Information

Screw M8 for B+ Connection
with wire up to 35mm²
Part Number 2141034-1

Used with 8 x M5 Bolt
Part Number 1534968-2

**Can be used as stand-alone
module or in association with:**

PN 2141022-1

PN 2141024-1

PN 2141026-1

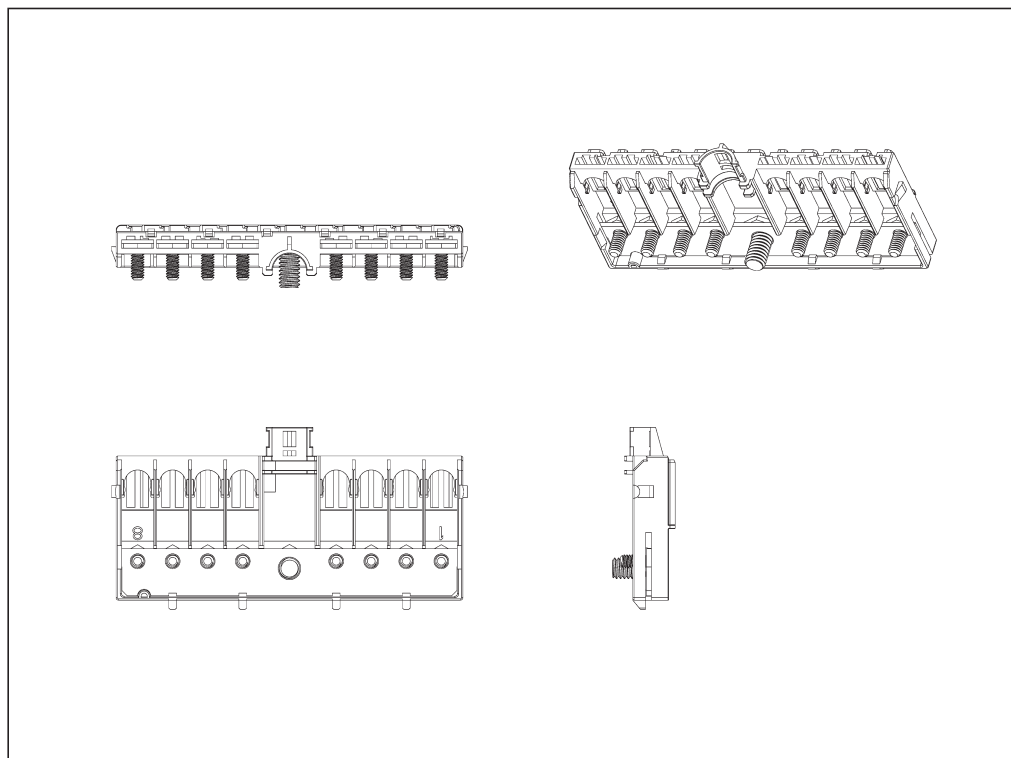
PN 2141028-1

PN 2141029-1

PN 2141040-x

PN 2141031-x

MFINITY – Pre-Fuse SF30 Module, 8 Positions



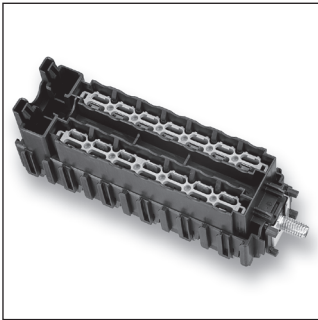
Pre-fuse SF30 Module, 8 Positions

Module Part Number	Module Name	Product Dimensions L x W x H (mm)
2141034-1	Pre-fuse SF30 Module	137 x 70 x 24.1

Mating Cover
Part Number

see page 42
2141033-1





Technical Features

Material:
PA6

Product Specification:
108-94263

Application Specification:
114-94090

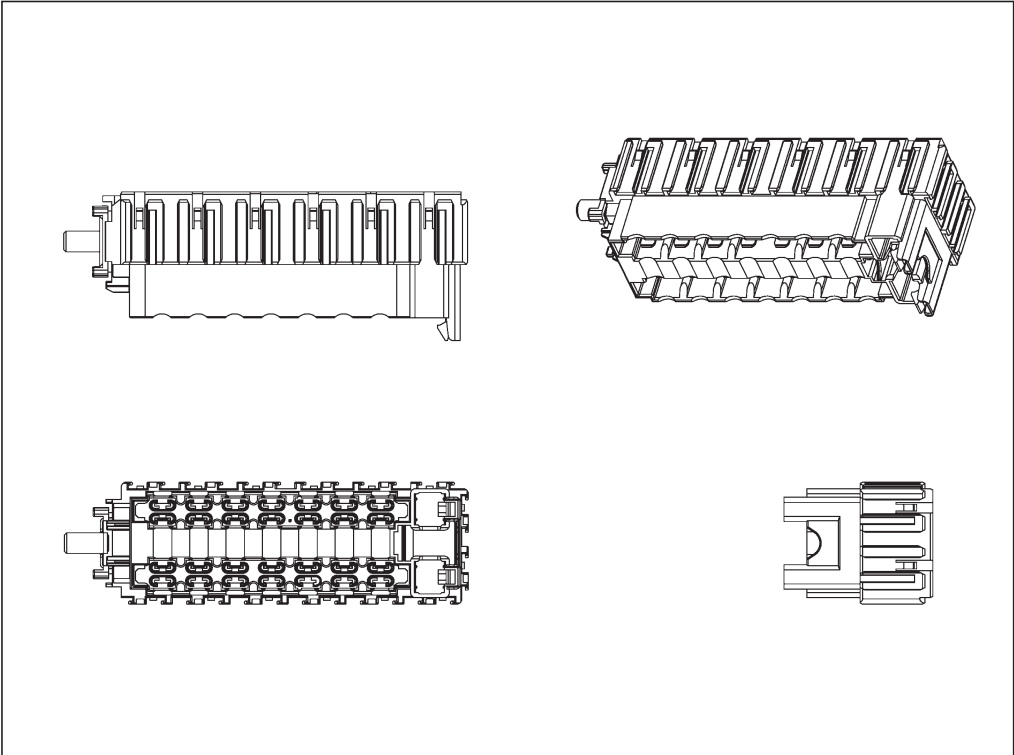
Order Information

Screw M8 for B+ Connection
with wire up to 35mm²
14x Type A Fuse (J-Case)
Part Number 2141040-1
2x Spare Fuse places

**Can be used as stand-alone
module or in association with:**

PN 2141022-1
PN 2141024-1
PN 2141026-1
PN 2141028-1
PN 2141029-1
PN 2141034-x
PN 2141031-x

MFINITY – Type A Fuse Module, 14 Positions – Busbar Version



Type A Fuse Module, 14 Positions – Busbar Version

Module Part Number	Module Name	Product Dimensions L x W x H (mm)
2141040-1	Type A Fuse Module (Busbar Version)	155.55 x 47 x 57.3

Suitable Terminals

Part Number	Description	Plating	Wire Size Range (mm ²)
1670225-1	6.3 Busbar & Single Tab	Tin Hot Dipped	4 – 6
963755-1	6.3 Single Tab	Pre-Tinned	2.5 – 4

Mating Cover
Part Number
see page 43
2141039-1



Automotive Power Distribution Battery Distribution Unit



Technical Features

Material:

PA6

Product Specification:

108-94263

Application Specification:

114-9409

Order Information

B+ Connection via
wire to busbar – Tab

14x Typ A Fuse (J-Case)
Part Number 2141040-2

2x Spare Fuse places

**Can be used as stand-alone
module or in association with:**

PN 2141022-1

PN 2141024-1

PN 2141026-1

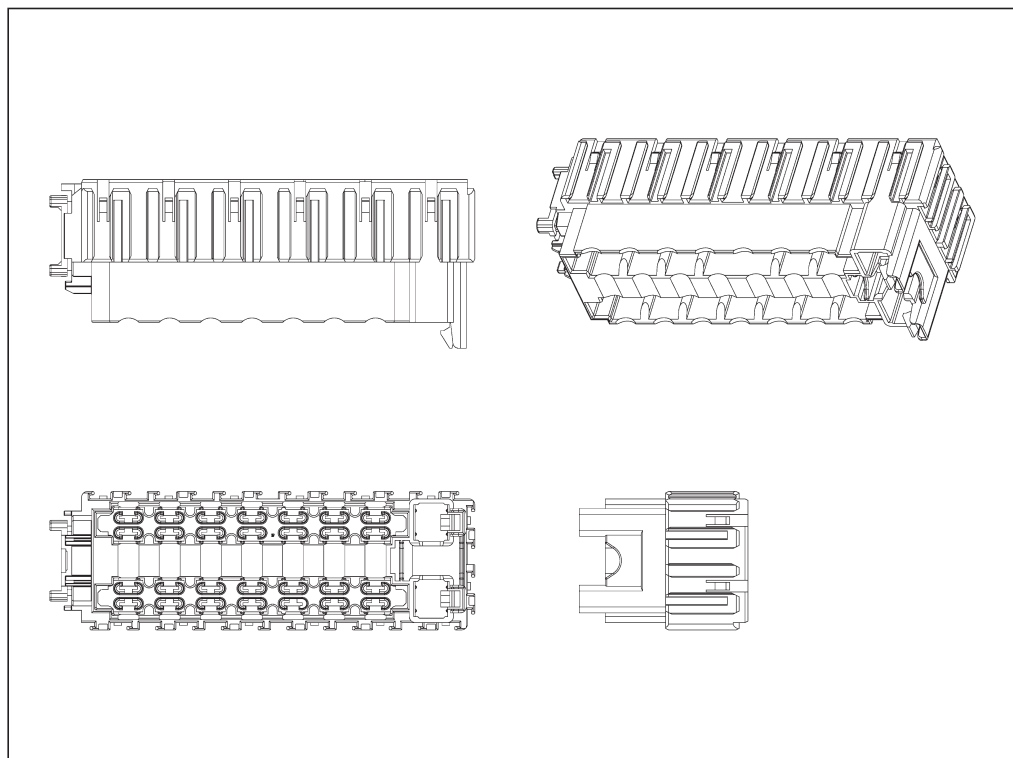
PN 2141028-1

PN 2141029-1

PN 2141034-x

PN 2141031-x

MFINITY – Type A Fuse Module, 14 Positions –Wire-by-wire Version



Type A Fuse Module, 14 Positions –Wire-by-wire Version

Module Part Number	Module Name	Product Dimensions L x W x H (mm)
2141040-2	Type A Fuse Module	144.55 x 47 x 57.3

Suitable Terminals

Part Number	Description	Plating	Wire Size Range (mm ²)
1670225-1	6.3 Busbar & Single Tab	Tin Hot Dipped	4 – 6
963755-1	6.3 Single Tab	Pre-Tinned	2.5 – 4

Mating Cover
Part Number

see page 43
2141039-1

