

# MPF multi-pole automotive fuses



**MPF**  
**(32 Vdc)**



**MPF2**  
**(58 Vdc)**

**Catalog symbols:**

- MPF-\_\_X
- MPF2-\_\_X

**Description:**

Eaton Bussmann™ series multi-pole fuses (MPF) are cartridge fuses containing three fuse elements of the same or differing ampacities for protecting three circuits with a single design. They are the OEM equivalent to those part numbers used on popular Infiniti, Lexus, Nissan and Toyota vehicles manufactured since 2002.

**Specifications:**

**Ratings**

- Volts:
  - 32 Vdc (MPF)
  - 58 Vdc (MPF2)
- Amps: See catalog number table for fuse circuit ampacities by catalog number
- Interrupting rating: 1000 A

**Agency information**

- ISO8820-4
- JASO D612-4
- RoHS compliant

**Materials**

- Element: Copper alloy
- Housing: PA6T
- Clear cover: PES

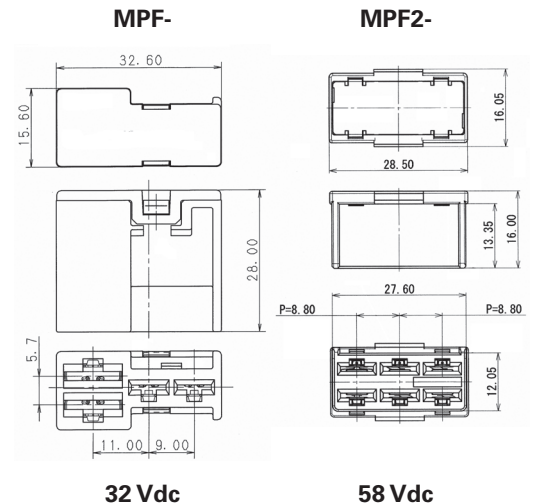
**Housing flammability rating:**

- UL 94

**Environmental**

- Operating temperature range -40°C to 80°C (-40°F to 176°F)

**Dimensions - mm**



**Applications:**

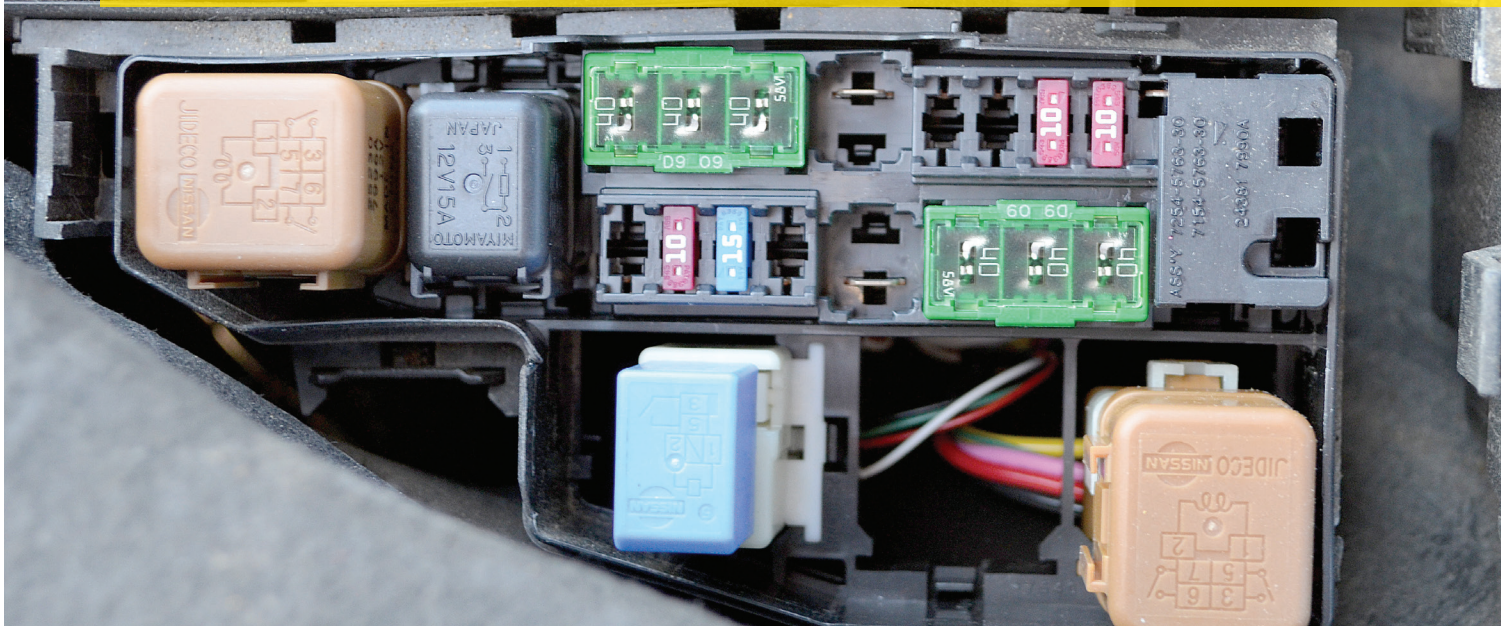
- Replacement fuses for automotive OEM part numbers.

**MPF catalog numbers, specifications and OEM cross reference**

Bussmann series catalog number	Fuse circuit amps ratings	Interrupting rating	Body color code	OEM part number	Vehicle make
<b>32 Vdc fuses</b>					
MPF-433X	40, 30, 30	1 kA	Pink	24370-C9902	Nissan, Infiniti
MPF-444X	40, 40, 40	1 kA	Green	24370-C9900	Nissan, Infiniti
MPF-533X	50, 30, 30	1 kA	Red	24370-C9906	Nissan, Infiniti
MPF-534X	50, 30, 40	1 kA	Blue	24370-C9907	Nissan, Infiniti
MPF-633X	60, 30, 30	1 kA	Yellow	24370-C9904	Nissan
<b>58 Vdc fuses</b>					
MPF2-324X	30, 20, 40	1 kA	Yellow	24370-C991C	Nissan
MPF2-433X	40, 30, 30	1 kA	Pink	24370-C991A	Nissan
				90982-08308	Toyota, Lexus
MPF2-444X	40, 40, 40	1 kA	Green	24370-C991B	Nissan, Infiniti
				90982-08299	Toyota, Lexus
MPF2-533X	50, 30, 30	1 kA	Red	24370-C992A	Nissan, Infiniti
				90982-08300	Toyota, Lexus
MPF2-534X	50, 30, 40	1 kA	Blue	24370-C992B	Nissan, Infiniti
				90982-08301	Toyota, Lexus
MPF2-535X	50, 30, 50	1 kA	Black	24370-C992C	Nissan, Infiniti
				90982-08302	Toyota, Lexus
MPF2-555X	50, 50, 50	1 kA	Maroon	90982-08303	Lexus

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## Multi-pole automotive fuses



# Stock OEM fuses for Nissan, Infiniti, Toyota and Lexus vehicles



MPF  
(32 Vdc)



MPF2  
(58 Vdc)

Bussmann series multi-pole fuses offer service technicians and DIYers a convenient, alternative source to car dealerships and online websites.

### Product description:

The new Bussmann™ series multi-pole fuses (MPF) are original equipment equivalents to those installed in popular Nissan®, Infiniti®, Toyota® and Lexus vehicles.

This new line allows you to sell fuses that were, up until now, primarily available only through dealerships and online parts websites.

These fuses combine 3-pole circuit protection, of the same or varying ampacities, into a single design.

The MPFs cover medium and high current circuit ranges with ratings from 20 to 60 amps, up to 32 or 58 volts. With an operating temperature range from -40°C to 80°C (-40°F to 176°F), they meet ISO8820-4 and JASO D612-4 standards for automotive fuses.

By stocking and selling MPF fuses, you'll provide service technicians and DIYers a convenient alternative to dealership parts counters or waiting for delivery from an online purchase.

### Features and benefits:

- Provides service technicians and DIYers an alternative source for an OE equivalent replacement fuse.
- Clear plastic cover shows individual fuse element status at a glance.
- Each fuse cover is marked with the circuit amp rating of each circuit.
- Color-coded bodies make it easy to identify the correct replacement.

- Combines multiple circuit protection into a single fuse design to reduce size and weight.
- MPFs can be easily removed and installed with the same, standard fuse puller used for FMX and FMX-LP fuses.
- Available in traditional or bulk packs.



Powering Business Worldwide

**OEM cross reference data**

Bussmann series catalog no.	Fuse circuit amp ratings	Color code	OEM part no.	Vehicle make
<b>32 Vdc fuses</b>				
MPF-433X	40, 30, 30	Pink	24370-C9902	Nissan, Infiniti
MPF-444X	40, 40, 40	Green	24370-C9900	Nissan, Infiniti
MPF-533X	50, 30, 30	Red	24370-C9906	Nissan, Infiniti
MPF-534X	50, 30, 40	Blue	24370-C9907	Nissan, Infiniti
MPF-633X	60, 30, 30	Yellow	24370-C9904	Nissan
<b>58 Vdc fuses</b>				
MPF2-324X	30, 20, 40	Yellow	24370-C991C	Nissan
MPF2-433X	40, 30, 30	Pink	24370-C991A	Nissan
			90982-08308	Toyota, Lexus
MPF2-444X	40, 40, 40	Green	24370-C991B	Nissan, Infiniti
			90982-08299	Toyota, Lexus
MPF2-533X	50, 30, 30	Red	24370-C992A	Nissan, Infiniti
			90982-08300	Toyota, Lexus
MPF2-534X	50, 30, 40	Blue	24370-C992B	Nissan, Infiniti
			90982-08301	Toyota, Lexus
MPF2-535X	50, 30, 50	Black	24370-C992C	Nissan, Infiniti
			90982-08302	Toyota, Lexus
MPF2-555X	50, 50, 50	Maroon	90982-08303	Lexus

**Packaging specifications**

Catalog no.	Description/fuse ampacities	UPC	Individual pack qty	Shelf carton qty	Master carton qty
<b>32 Vdc fuses</b>					
MPF-433X	FL MULTI FUSE-40,30,30	051712680585	1	10	100
MPF-444X	FL MULTI FUSE-40,40,40	051712680592	1	10	100
MPF-533X	FL MULTI FUSE-50,30,30	051712680608	1	10	100
MPF-534X	FL MULTI FUSE-50,30,40	051712680622	1	10	100
MPF-633X	FL MULTI FUSE-60,30,30	051712680615	1	10	100
BK/MPF-433X	FL MULTI FUSE-40,30,30 (BULK)	051712680707	50	24*	1200
BK/MPF-444X	FL MULTI FUSE-40,40,40 (BULK)	051712680714	50	24*	1200
BK/MPF-533X	FL MULTI FUSE-50,30,30 (BULK)	051712680721	50	24*	1200
BK/MPF-534X	FL MULTI FUSE-50,30,40 (BULK)	051712680745	50	24*	1200
BK/MPF-633X	FL MULTI FUSE-60,30,30 (BULK)	051712680738	50	24*	1200
<b>58 Vdc fuses</b>					
MPF2-324X	3P MULTI FUSE-30,20,40	051712680691	1	10	100
MPF2-433X	3P MULTI FUSE-40,30,30	051712680639	1	10	100
MPF2-444X	3P MULTI FUSE-40,40,40	051712680646	1	10	100
MPF2-533X	3P MULTI FUSE-50,30,30	051712680653	1	10	100
MPF2-534X	3P MULTI FUSE-50,30,40	051712680660	1	10	100
MPF2-535X	3P MULTI FUSE-50,30,50	051712680677	1	10	100
MPF2-555X	3P MULTI FUSE-50,50,50	051712680684	1	10	100
BK/MPF2-324X	3P MULTI FUSE-30,20,40 (BULK)	051712680813	50	24*	1200
BK/MPF2-433X	3P MULTI FUSE-40,30,30 (BULK)	051712680752	50	24*	1200
BK/MPF2-444X	3P MULTI FUSE-40,40,40 (BULK)	051712680769	50	24*	1200
BK/MPF2-533X	3P MULTI FUSE-50,30,30 (BULK)	051712680776	50	24*	1200
BK/MPF2-534X	3P MULTI FUSE-50,30,40 (BULK)	051712680783	50	24*	1200
BK/MPF2-535X	3P MULTI FUSE-50,30,50 (BULK)	051712680790	50	24*	1200
BK/MPF2-555X	3P MULTI FUSE-50,50,50 (BULK)	051712680806	50	24*	1200

\*Number of bulk packs in a master carton.

For details, see data sheet no.10602.