

OEM replacement fuses

BUSSMANN
SERIES



Better serve your
customers with direct
OEM replacement fuses

EATON

Powering Business Worldwide

Multi slow-blow fuses

Bussmann™ series multi slow-blow (MUSB) fuses are direct OEM replacements for fuses found in 2004 to current-model Acura®, Ford® and Honda® vehicles. Traditionally, these fuses were only available through dealerships or from online parts retailers.

Now, with Bussmann series MUSB fuses, you have an aftermarket solution to better serve your customers and make you the go-to source for hard-to-find replacement parts. With a rating of 32 Vdc, MUSB fuses solve complex circuit protection challenges, while achieving space and weight savings. This is accomplished by containing two or more fuse elements of differing amp ratings in a single fuse holder.

OEM cross reference data

Bussmann series catalog number	OEM part number	Vehicle make	Fuse circuit amp ratings
MUSB-A1	38231-SDA-A01	Acura, Honda	100, 70 A
MUSB-A2	38231-SFY-003	Acura, Honda	120, 70 A
MUSB-A3	38231-SEP-A01	Acura, Honda	100, 40 A
MUSB-A4	38231-SFE-J01	Acura, Honda	120, 40 A
MUSB-L1-2	38231-T0A-A01	Acura, Honda	70, 30, 40, 20, 30, 100 A
MUSB-L1-4	38231-TX4-A01	Acura, Honda	70, 40, 20, 40, 30, 120 A
MUSB-L3-1	38233-TR0-A01	Acura	20, 20, 20, 20 A
MUSB-L3-3	38233-T6A-J01	Acura, Honda	30, 30, 30, 30 A
MUSB-L3-5	38233-TX4-A01	Acura	30, 40, 30, 40 A
MUSB-M2-1	38232-TR0-A01	Acura, Honda	50, 60, 60, 30, 30, 30, 30, 40, 30, 20, 20 A
MUSB-M4-1	38234-TX4-A01	Acura	50, 60, 60, 50, 30, 30, 40, 30, 30, 40 A
MUSB-T1	FU5T-14A068-CC	Ford	125, 100, 325 A, Shunt
MUSB-T4	GU5T-14A068-BA	Ford	125, 80, 300 A, Shunt
MUSB-T5	HU5T-14A068-BB	Ford	Shunt, 275, 200, 125 A

Packaging specifications

Each part may be ordered in single units.

Catalog number	Description	UPC code	Individual pack qty.	Master carton qty.
MUSB-A1	100, 70 A multi slow-blow fuse	051712697309	1	72
MUSB-A2	120, 70 A multi slow-blow fuse	051712697316	1	72
MUSB-A3	100, 40 A multi slow-blow fuse	051712697323	1	72
MUSB-A4	120, 40 A multi slow-blow fuse	051712697330	1	72
MUSB-L1-2	70, 30, 40, 20, 30, 100 A multi slow-blow fuse	051712697347	1	72
MUSB-L1-4	70, 40, 20, 40, 30, 120 A multi slow-blow fuse	051712697354	1	72
MUSB-L3-1	20, 20, 20, 20 A multi slow-blow fuse	051712697361	1	100
MUSB-L3-3	30, 30, 30, 30 A multi slow-blow fuse	051712697378	1	100
MUSB-L3-5	30, 40, 30, 40 A multi slow-blow fuse	051712697385	1	100
MUSB-M2-1	50, 60, 60, 30, 30, 30, 30, 40, 30, 20, 20 A multi slow-blow fuse	051712697392	1	15
MUSB-M4-1	50, 60, 60, 50, 30, 30, 40, 30, 30, 40 A multi slow-blow fuse	051712697408	1	15
MUSB-T1	125, 100, 325 A, Shunt multi slow-blow fuse	051712697415	1	48
MUSB-T4	125, 80, 300 A, Shunt multi slow-blow fuse	051712697422	1	48
MUSB-T5	275, 200, 125 A, Shunt multi slow-blow fuse	051712697439	1	48

MUSB-A



MUSB-L1



MUSB-L3



MUSB-M2



MUSB-M4



MUSB-T



Multi-pole fuses

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

OEM cross reference data

Bussmann series catalog no.	Fuse circuit amp ratings	Color code	OEM part no.	Vehicle make
32 Vdc fuses				
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
58 Vdc fuses				
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

MPF
(-534X)



MPF2
(-444X)



Packaging specifications

Catalog no.	Description/fuse ampacities	UPC	Individual pack qty	Shelf carton qty	Master carton qty
32 Vdc fuses					
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
58 Vdc fuses					
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.

Battery terminal fuses

Bussmann™ series battery terminal fuses (BTF) are original equipment equivalents to those installed in popular Chrysler®, Ford®, Lexus®, Lincoln®, Mercury®, Mitsubishi®, Nissan®, Scion®, Subaru®, Suzuki® and Toyota® vehicles. This portfolio of products allows you to sell fuses that were primarily available only through dealerships and online parts retailers.

These unique fuses feature 1-, 2-, 3- or 5-pole circuit protection of varying amp ratings, in a single fuse holder. BTFs protect the wires coming off the battery that route to their respective devices. BTFs cover high current circuit ranges from 80 to 250 amps at 32 volts. With an operating temperature range from -40°C to 120°C (-40°F to 248°F), they withstand high, under-hood temperatures and meet ISO8820-4 and JASO D612-4 standards for automotive fuses.

OEM cross reference data

Busssmann series catalog number	OEM part number	Vehicle make	Fuse circuit amp rating(s)	Volts interrupting rating
BTF-1P-80	82211AG150	Subaru	80	32 Vdc, 1 kA
	3673-950J00	Suzuki	80	32 Vdc, 1 kA
BTF-1P-100	MN164187	Mitsubishi	100	32 Vdc, 1 kA
	3673-952J00	Suzuki	100	32 Vdc, 1 kA
BTF-1P-120	MN164188	Mitsubishi	120	32 Vdc, 1 kA
	3673-966J00	Suzuki	120	32 Vdc, 1 kA
BTF-1P-140	82620-33040	Lexus, Scion, Toyota	140	32 Vdc, 1 kA
	24380-JA70A	Nissan	140	32 Vdc, 1 kA
BTF-2P-180120	68164797-AA	Chrysler	180, 120	32 Vdc, 1 kA
BTF-2P-200100	BR3Z-14526-AA	Ford	200, 100	32 Vdc, 1 kA
	AE5Z-14526-BA	Ford, Lincoln, Mercury	200, 100	32 Vdc, 1 kA
BTF-2P-250125	AL3Z-14526-AA	Ford	250, 125	32 Vdc, 1 kA
BTF-3P-1206080	82620-52080A	Scion, Toyota	120, 60, 80	32 Vdc, 1 kA
BTF-3P-1208080	82620-52060A	Scion, Toyota	120, 80, 80	32 Vdc, 1 kA
BTF-5P-1010868	24380-79910	Nissan	100, 100, 80, 60, 80	32 Vdc, 1 kA
BTF-5P-1210868	24380-79912	Nissan	120, 100, 80, 60, 80	32 Vdc, 1 kA
BTF-5P-141010108	24380-7994A	Nissan	140, 100, 100, 100, 80	32 Vdc, 1 kA
BTF-5P-25010888	24380-79918	Nissan	250, 100, 80, 80, 80	32 Vdc, 1 kA
BTF-5P-225106108	24380-79919	Nissan	225, 100, 60, 100, 80	32 Vdc, 1 kA



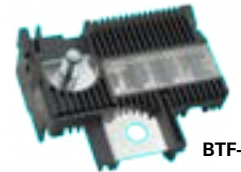
BTF-1P



BTF-2P

Packaging specifications

Busssmann series catalog number	Description/ fuse amp rating(s)	UPC	Individual pack qty	Shelf carton qty	Master carton qty
BTF-1P-80	1P Battery fuse-80 A	051712680820	1	5	120
BTF-1P-100	1P Battery fuse-100 A	051712680837	1	5	120
BTF-1P-120	1P Battery fuse-120 A	051712680844	1	5	120
BTF-1P-140	1P Battery fuse-140 A	051712680851	1	5	120
BTF-2P-180120	2P Battery fuse-80, 120 A	051712680899	1	5	120
BTF-2P-200100	2P Battery fuse-200, 100 A	051712680875	1	5	120
BTF-2P-250125	2P Battery fuse-250, 125 A	051712680882	1	5	120
BTF-3P-1206080	3P Battery fuse-120, 60, 80 A	051712680905	1	3	12
BTF-3P-1208080	3P Battery fuse-120, 80, 80 A	051712680912	1	3	12
BTF-5P-1010868	5P Battery fuse-100, 100, 80, 60, 80 A	051712698092	1	3	12
BTF-5P-1210868	5P Battery fuse-120, 100, 80, 60, 80 A	051712698108	1	3	12
BTF-5P-141010108	5P Battery fuse-140, 100, 100, 100, 80 A	051712698115	1	3	12
BTF-5P-25010888	5P Battery fuse-250, 100, 80, 80, 80 A	051712698122	1	3	12
BTF-5P-225106108	5P Battery fuse-225, 100, 60, 100, 80 A	051712698139	1	3	12



BTF-3P



BTF-5P

For details and schematics, see data sheet no. 10605.

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Printed in USA
Publication No. 10847
October 2018

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