



## Space-saving automotive fuses



Bussmann series superior micro fuses provide protection while consuming minimal space.

### Product description:

New vehicles are incorporating more electronic circuitry, which requires more protection. With space at a premium, many new vehicles now use micro fuses.

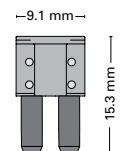
In addition to their small footprint, micro fuses have the capability to withstand temperatures ranging from -40°C to +125°C (-40°F to 257°F), making them ideal for vehicles in extreme environments.

Bussmann® series ATR (2-blade) and ATL (3-blade) fuses are rated to 32 volts and constructed of nylon with silver-plated zinc alloy terminals. Bussmann series FMM (micro female Maxi™) fuses are also rated to 32 volts, but are constructed of PA6T with tin-plated copper terminals.

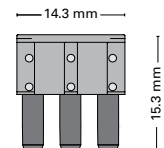
### Features and benefits:

- Fuses are color coded by amp rating for easy identification.
- ATR fuses provide single-circuit protection.
- ATL fuses provide dual-circuit protection in a single product.
- FMM fuses are the smallest female Maxi cartridge fuses in the market.
- Broad portfolio of micro fuses provides solutions for most applications.

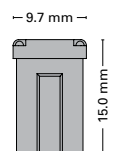
### Dimensions (actual size):



ATR



ATL



FMM

## ATR — Micro 2-blade fuses

Catalog no.	Amp	Color	UPC	Unit pack		Shelf carton		Master carton	
				Qty.	Dimensions (HxWxD)	Qty.	Dimensions (LxWxH)	Qty.	Dimensions (LxWxH)
BP/ATR-5-RP	5	Tan	051712510387	5	3.00" x 2.75" x 0.38"	5	4.69" x 3.44" x 2.19"	120	14.75" x 9.25" x 7.50"
BP/ATR-7-1/2-RP	7½	Brown	051712510417	5	3.00" x 2.75" x 0.38"	5	4.69" x 3.44" x 2.19"	120	14.75" x 9.25" x 7.50"
BP/ATR-10-RP	10	Red	051712499408	5	3.00" x 2.75" x 0.38"	5	4.69" x 3.44" x 2.19"	120	14.75" x 9.25" x 7.50"
BP/ATR-15-RP	15	Blue	051712499415	5	3.00" x 2.75" x 0.38"	5	4.69" x 3.44" x 2.19"	120	14.75" x 9.25" x 7.50"
BP/ATR-20-RP	20	Yellow	051712499422	5	3.00" x 2.75" x 0.38"	5	4.69" x 3.44" x 2.19"	120	14.75" x 9.25" x 7.50"
BP/ATR-25-RP	25	Clear	051712510479	5	3.00" x 2.75" x 0.38"	5	4.69" x 3.44" x 2.19"	120	14.75" x 9.25" x 7.50"
BP/ATR-30-RP	30	Green	051712499439	5	3.00" x 2.75" x 0.38"	5	4.69" x 3.44" x 2.19"	120	14.75" x 9.25" x 7.50"

## FMM — Micro female Maxi fuses

Catalog no.	Amp	Color	UPC	Unit pack		Shelf carton		Master carton	
				Qty.	Dimensions (HxWxD)	Qty.	Dimensions (LxWxH)	Qty.	Dimensions (LxWxH)
BP/FMM-15-RP	15	Grey	051712510950	1	3.00" x 2.75" x 0.38"	5	4.69" x 3.44" x 2.19"	120	14.75" x 9.25" x 7.50"
BP/FMM-20-RP	20	Blue	051712499446	1	3.00" x 2.75" x 0.38"	5	4.69" x 3.44" x 2.19"	120	14.75" x 9.25" x 7.50"
BP/FMM-25-RP	25	White	051712510974	1	3.00" x 2.75" x 0.38"	5	4.69" x 3.44" x 2.19"	120	14.75" x 9.25" x 7.50"
BP/FMM-30-RP	30	Pink	051712499453	1	3.00" x 2.75" x 0.38"	5	4.69" x 3.44" x 2.19"	120	14.75" x 9.25" x 7.50"
BP/FMM-40-RP	40	Green	051712499460	1	3.00" x 2.75" x 0.38"	5	4.69" x 3.44" x 2.19"	120	14.75" x 9.25" x 7.50"

## Emergency kits\*

Catalog no.	Description	UPC	Unit pack		Shelf carton		Master carton	
			Qty.	Dimensions (HxWxD)	Qty.	Dimensions (LxWxH)	Qty.	Dimensions (LxWxH)
BP/ATR-A7-RPP	Micro 2-blade assortment pack	051712400985	8	3.00" x 2.75" x 0.38"	5	4.69" x 3.44" x 2.19"	120	14.75" x 9.25" x 7.50"
BP/ATL-A4-RPP	Micro 3-blade assortment pack	051712510981	5	3.00" x 2.75" x 0.38"	5	4.69" x 3.44" x 2.19"	120	14.75" x 9.25" x 7.50"

\*Emergency kits come with a fuse puller.

## Bulk assortment

Catalog no.	Description	UPC	Content total
NO.136	(10) ATR-5, (10) ATR-7-1/2, (10) ATR-15, (10) ATR-20, (10) ATR-25, (10) ATR-30, (10) ATL-5, (10) ATL-7-1/2, (10) ATL-10, (10) ATL-15, (5) FMM-15, (5) FMM-20, (5) FMM-25, (5) FMM-30, (5) FMM-40, (1) Fuse Puller	051712416344	136
CDY10TRY-MICRO	(5) ATR-5, (5) ATR-7-1/2, (5) ATR-10, (5) ATR-15, (5) ATR-20, (5) ATR-25, (5) ATR-30 (5) ATL-5, (5) ATL-7-1/2, (5) ATL-10, (5) ATL-15	051712493024	55
CDY10TRY-FLNK1	(1) FMM-15, (1) FMM-20, (1) FMM-25, (1) FMM-30, (1) FMM-40, (1) FMX-20LP, (1) FMX-25LP, (1) FMX-30LP, (1) FMX-40LP, (2) FMX-50LP, (2) FMX-60LP	051712493048	13

## Bulk packaging, 50 fuses

### ATR-Micro 2-blade fuse

Catalog No.	UPC
BK/ATR-5	051712490689
BK/ATR-7-1/2	051712490696
BK/ATR-10	051712490719
BK/ATR-15	051712490726
BK/ATR-20	051712490740
BK/ATR-30	05171249057

### ATL-Micro 3-blade fuse

Catalog No.	UPC
BK/ATL-5	051712490764
BK/ATL-7-1/2	051712490771
BK/ATL-10	051712490788
BK/ATL-15	051712490795

### FMM-v female Maxi fuse

Catalog No.	UPC
BK/FMM-15	051712490818
BK/FMM-20	051712490825
BK/FMM-25	051712490832
BK/FMM-30	051712490849
BK/FMM-40	051712490856

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