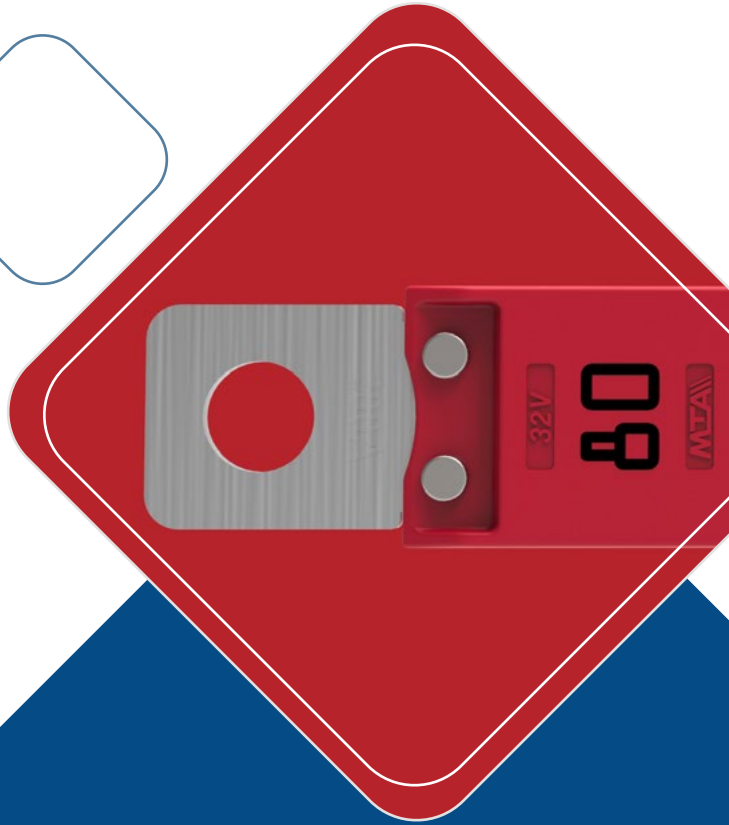
MTA
Advanced Automotive Solutions

PROTECT & DISTRIBUTE FUSES

VERSION 1.0



TECHNOLOGICAL KNOWLEDGE AND HIGH PERFORMANCES

MTA has been developing and producing fuses for automotive applications since 1954 and invests each year in Research & Development to grant state-of-the-art products to remain at the forefront of technological innovation.

A dedicated Research & Innovation Team concentrates on entering new fuse typologies in the market, presenting new solutions and new technologies to secure a leading competitive position.

MTA is a member of ISO committee with several OEMs homologations.

CUSTOMIZED FUSES

The increasingly complex geometries of the distribution boxes have led us to develop fuses with blades to be screwed, to be clinched. In some cases they may be bent, in other cases they can be designed as male counterparts for clip terminals of different sizes and shapes.

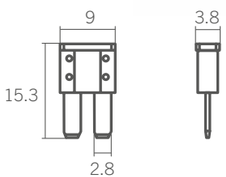
Download all the technical data sheets on
www.mta.it/en/fuses

MICRO2BXS

Tin plated zinc alloy

5 A	Light brown
7.5 A	Brown
10 A	Red
15 A	Blue
20 A	Yellow
25 A	White
30 A	Green

Scale 1:1 size,
dimensions in mm

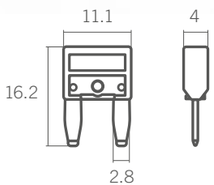


MINIVAL®

Tin plated zinc alloy

2 A	Grey
3 A	Violet
4 A	Pink
5 A	Light brown
7.5 A	Brown
10 A	Red
15 A	Blue
20 A	Yellow
25 A	White
30 A	Green

Scale 1:1 size,
dimensions in mm

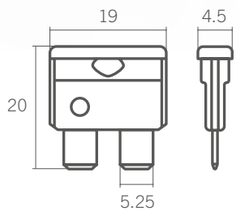


UNIVAL®

Tin plated zinc alloy

1 A	Black
2 A	Grey
3 A	Violet
4 A	Pink
5 A	Light brown
7.5 A	Brown
10 A	Red
15 A	Blue
20 A	Yellow
25 A	White
30 A	Green
40 A	Orange

Scale 1:1 size,
dimensions in mm



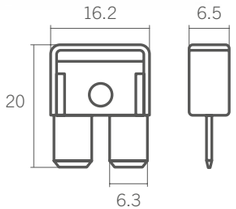
MAXICOMPACT

The MaxiCompact range is meant as a substitute for MaxiVal and cartridge fuses in the stated current range. They are smaller than the current solutions and accommodate thinner wires, thus enabling significant space and weight saving.

Tin plated zinc alloy	
20 A	Yellow
25 A	White
30 A	Light green
35 A	Dark green
40 A	Orange
50 A	Red
60 A	Blue

Silver plated copper	
25 A	White
30 A	Light green
35 A	Dark green
40 A	Orange
50 A	Red
60 A	Blue

Scale 1:1 size, dimensions in mm



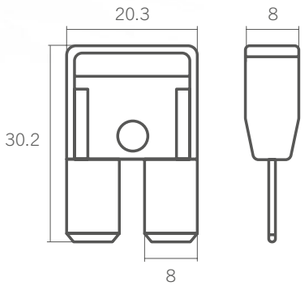
M8COMPACT®

The M8Compact range combines the typical high-current performance of MaxiVal fuses, which it is meant to substitute, but requires 46% less space. The concept is the same adopted for the MaxiCompact range, with smaller tolerance ranges and higher self-heating performance.

Tin plated zinc alloy	
30 A	Light green
35 A	Dark green
40 A	Orange
50 A	Red
60 A	Blue
70 A	Brown
80 A	Black

Silver plated copper	
30 A	Light green
40 A	Orange
50 A	Red
60 A	Blue
70 A	Brown
80 A	Black
100 A	Violet

Scale 1:1 size, dimensions in mm



MAXIVAL®

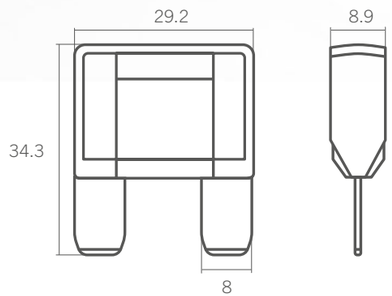
Tin plated zinc alloy

20A	Yellow
30A	Green
40A	Orange
50A	Red
60A	Blue
70A	Light brown
80A	White
100A	Violet

Silver plated zinc alloy

40A	Orange
50A	Red
60A	Blue

Scale 1:1 size, dimensions in mm



MIDIVAL®

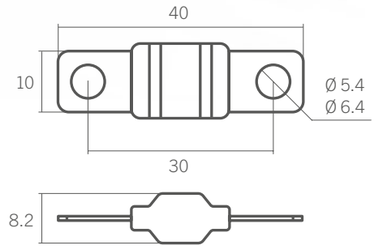
Tin plated zinc alloy
M5 bolts

30 A	Orange
40 A	Green
50 A	Red
60 A	Yellow
70 A	Brown
80 A	White
100 A	Blue
125 A	Pink

Tin plated copper
M5 or M6 bolts

30 A	Orange
40 A	Green
50 A	Red
60 A	Yellow
70 A	Brown
80 A	White
100 A	Blue
125 A	Pink
150 A	Grey
175 A	Light brown
200 A	Violet

Scale 1:1 size, dimensions in mm



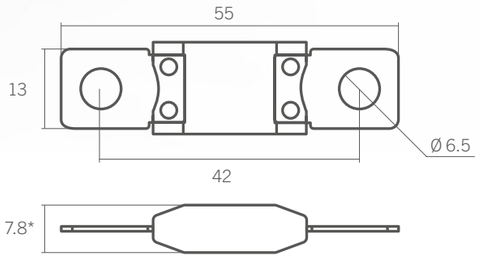
MEGACOMPACT

If compared to the MegaVal, the MegaCompact allows for a reduction in area and volume of about 30%.

Tin plated copper

80 A	Red
100 A	Yellow
125 A	Green
150 A	Orange
175 A	White
200 A	Blue
225 A	Light brown
250 A	Pink
300 A	Grey
CAL.5	Black

Scale 1:1 size, dimensions in mm



*200÷300 A and CAL.5: 8.2 mm

MEGAVAL®

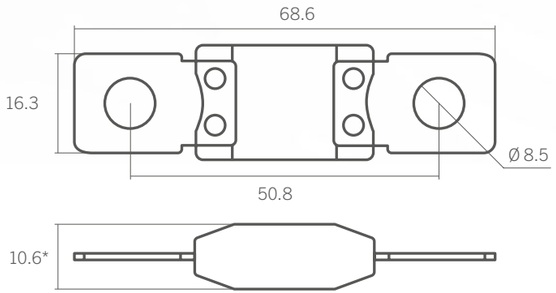
Tin plated zinc alloy

100 A	Yellow
125 A	Green
150 A	Orange
175 A	White
200 A	Blue
225 A	Light brown
250 A	Pink

Tin plated copper

100 A	Yellow
125 A	Green
150 A	Orange
175 A	White
200 A	Blue
225 A	Light brown
250 A	Pink
300 A	Grey
400 A	Violet
500 A	Brown

Scale 1:1 size, dimensions in mm



*MegaVal tin plated copper 100÷175 A: 10.4 mm

POWERVAL®

This range of fuses features the same shape and dimensions of MegaVal allowing easy interchangeability.

Their Ohm value, assessed and optimized, guarantees the lowest possible voltage drop on the line. They have high capacity to sustain heavy power surges, and an operating time curve to ensure efficient protection of the entire range of electrical malfunctions.

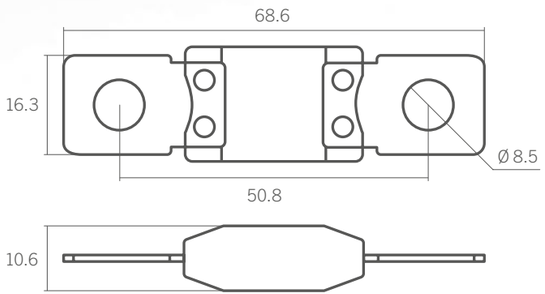
Tin plated zinc alloy

CAL.1	Grey
CAL.2	Black

Tin plated copper

CAL.3	Red
CAL.4	Brown
CAL.5	Wheat Grey

Scale 1:1 size, dimensions in mm



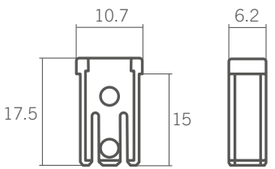
MC-BXS

The MC-BXS fuse is a compact cartridge-style automotive fuse designed for the protection of medium to high-current circuits. Its space-saving design, robust construction and time-delay characteristics make it an ideal solution for fuse and relay boxes where high reliability, durability and installation efficiency are required. MC-BXS can fit bus bars or male terminals up to 6,3 mm of width, providing flexible installation for power distribution applications.

Copper alloy

15 A	Gray
20 A	Light blue
25 A	White
30 A	Pink
40 A	Green
50 A	Red
60 A	Yellow

Scale 1:1 size, dimensions in mm



70 V FUSES

The 70 V rated voltage fuses have been developed to support the most energy-demanding systems of electric and hybrid vehicles, offering reliable operation in 48 V applications thanks to specific technologies, enhanced performance, and compliance with international standards.

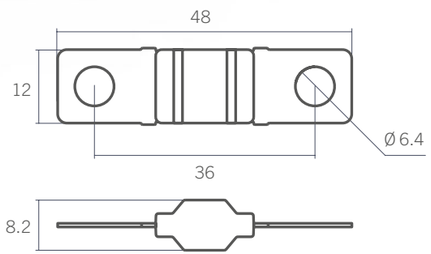
48 V

MIDIVAL®

Tin plated copper

100 A	White
125 A	White
150 A	White
175 A	White

Scale 1:1 size, dimensions in mm



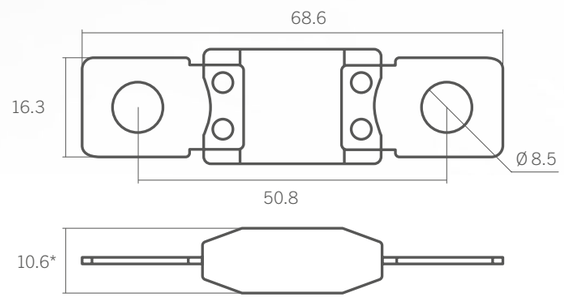
48 V

MEGAVAL®

Tin plated copper

100 A	Yellow
125 A	Green
150 A	Orange
175 A	White
200 A	Blue
225 A	Light brown
250 A	Pink
300 A	Grey
400 A	Violet
500 A	Brown

Scale 1:1 size, dimensions in mm



*100÷175 A: 10.4 mm

Advanced Automotive Solutions

www.mta.it

DISPLAY

POWER

PROTECT & DISTRIBUTE

CONTROL

CONNECT

PROTECT & DISTRIBUTE - FUSES
Version 1.0
September 2026
P/N 9987562