



FUSE HOLDERS & RECEPTACLES

ELECTRIC PARTS

Catalog 140201

**FUSE HOLDERS**

AC RATING
HEAVY DUTY
PCB MOUNT
DC RATING

1~14

**IN-LINE FUSE HOLDERS**

AC RATING
DC RATING

14~15

**AUTO IN-LINE FUSE HOLDERS**

DC RATING

16~17

**FUSE BLOCK**

18~20

**AUTOMOTIVE BOLT-IN FUSE HOLDER** 20**RECEPTACLES**

E10 TRIPLE-OUTLET SOCKET

21~22

INTERNATIONAL APPROVALS LIST

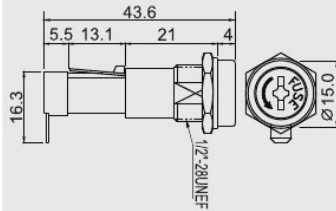
23~25

FUSE HOLDERS

Electric Parts

AC Rating

R3-9



(4.8mm)0.187"
Quick connect

0.5~4.5mm MAX

FEATURES:

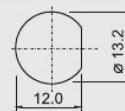
- Material:
Frame and cap: PBT(UL flame: 94V-0).
Terminal: tin plated brass.
- Mounted by nut.
- Metal or plastic nut is optional.

A
B
C
C O

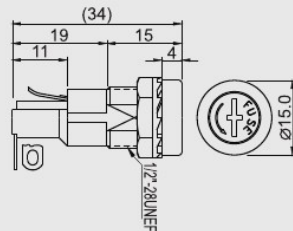
CAP	FUSE	RATING
Bayonet type (tool release)	Ø6.35*30mm Ø6.35*31.8mm	15A 250V AC
Bayonet type (tool release)	Ø5.0*20mm	10A 250V AC
Screw type (tool release)	Ø6.35*30mm Ø6.35*31.8mm	15A 250V AC
Screw type (tool release)	Ø6.35*30mm Ø6.35*31.8mm	15A 250V AC



CUT-OUT



R3-11



(4.0mm)0.156"
Solder

10A 250V AC
4.5mm MAX

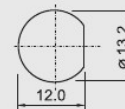
FEATURES:

- Material:
Frame: phenolic(UL flame: 94V-1).
Cap: PBT(UL flame: 94V-0).
Terminal: nickel plated brass.
- Mounted by nut.
- Metal or plastic nut is optional.

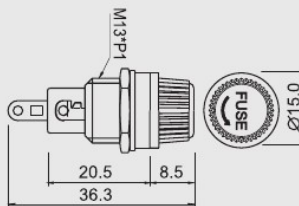
B

CAP	FUSE
Bayonet type (tool release)	Ø5.0*20mm
Screw type (tool release)	Ø5.0*20mm

CUT-OUT



R3-12



(4.0mm)0.156"
Solder

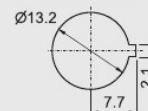
10A 250V AC
4.5mm MAX

FEATURES:

- Material:
Frame and cap: phenolic(UL flame: 94V-1).
Terminal: nickel plated brass.
- Mounted by nut.
- Metal or plastic nut is optional.

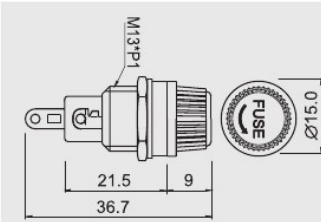
CAP	FUSE
Screw type	Ø5.0*20mm

CUT-OUT



THE DRAWING IS FOR REFERENCE ONLY.

R3-12E



(4.0mm)0.156"
Solder

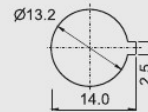
10A 250V AC
 4.5mm MAX

FEATURES:

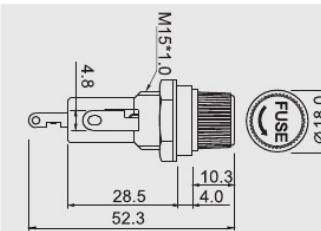
- Material:
Frame and cap: phenolic(UL flame: 94V-1).
Terminal: nickel plated brass.
- Mounted by nut.
- Metal or plastic nut is optional.

CAP	FUSE
Screw type	Ø 5.0*20mm

CUT-OUT



R3-13



(4.2mm)0.163"
Solder
 (4.8mm)0.187"
Quick connect

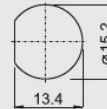
10A 250V AC
 0.5~4.5mm

FEATURES:

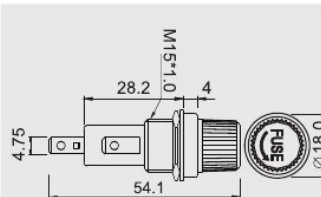
- Material:
Frame and cap: phenolic(UL flame: 94V-1).
Terminal: nickel plated brass.
- Mounted by nut.
- Metal or plastic nut is optional.

CAP	FUSE
Screw type	Ø 6.35*30mm Ø 6.35*31.8mm

CUT-OUT



R3-13E



(4.8mm)0.187"
Quick connect

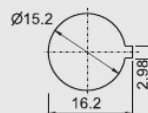
10A 250V AC
 0.5~4.5mm

FEATURES:

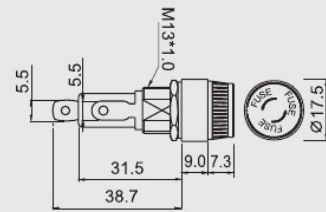
- Material:
Frame and cap: phenolic(UL flame: 94V-1).
Terminal: nickel plated brass.
- Mounted by nut.
- Metal or plastic nut is optional.

CAP	FUSE
Screw type	Ø 6.35*30mm Ø 6.35*31.8mm

CUT-OUT



R3-14A



2

CAP	FUSE	RATING
Bayonet type	\varnothing 6.35*30mm \varnothing 6.35*31.8mm	10A 250V AC
Bayonet type	\varnothing 6.35*30mm \varnothing 6.35*31.8mm	30A 250V AC



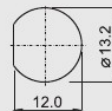
(5.5mm)0.230"
Solder

0.5~6.5mm

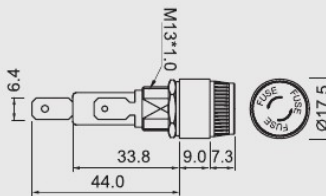
FEATURES:

- Material:
Frame and cap: phenolic(UL flame: 94V-1).
Terminal: tin plated brass, for R3-14A.
Terminal: tin plated copper, for R3-14A2.
- Mounted by nut.

CUT-OUT

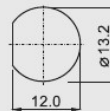


R3-14C



CAP	FUSE
Bayonet type	\varnothing 6.35*30mm \varnothing 6.35*31.8mm

CUT-OUT



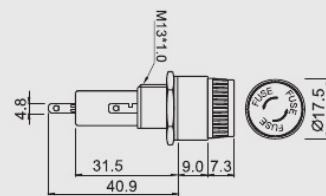
(6.4mm)0.250"
Quick connect

10A 250V AC
0.5~6.5 mm

FEATURES:

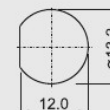
- Material:
Frame and cap: phenolic(UL flame: 94V-1).
Terminal: tin plated brass.
- Mounted by nut.

R3-14D



CAP	FUSE
Bayonet type	\varnothing 6.35*30mm \varnothing 6.35*31.8mm

CUT-OUT



(4.8mm)0.187"
Quick connect

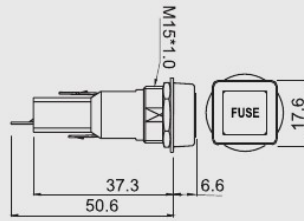
10A 250V AC
0.5~6.5mm

FEATURES:

- Material:
Frame and cap: phenolic(UL flame: 94V-1).
Terminal: nickel plated brass.
- Mounted by nut.

THE DRAWING IS FOR REFERENCE ONLY.

R3-21A



(3.8mm)0.148"
Solder

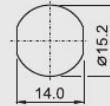
10A 250V AC
 $\varnothing \pm 0.5 \sim 4.5\text{mm}$

FEATURES:

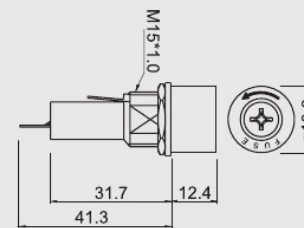
- Material:
Frame : phenolic(UL flame: 94V-1).
Cap: nylon(UL flame: 94V-2).
Terminal: nickel plated brass.
- Mounted by nut.

CAP	FUSE
Bayonet type	$\varnothing 6.35 \times 30\text{mm}$

CUT-OUT



R3-22A



(4.8mm)0.187"
Quick connect

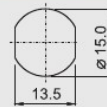
10A 250V AC
 $\varnothing \pm 0.5 \sim 5\text{mm}$

FEATURES:

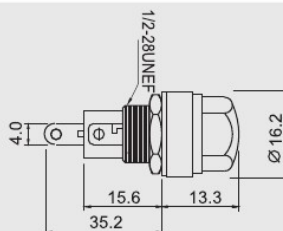
- Material:
Frame and cap: phenolic(UL flame: 94V-1).
Terminal: nickel plated brass.
- Mounted by nut.
- Metal or plastic nut is optional.

CAP	FUSE
Screw type (tool release)	$\varnothing 6.35 \times 30\text{mm}$ $\varnothing 6.35 \times 31.8\text{mm}$

CUT-OUT



R3-26



(4.0mm)0.156"
Solder

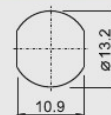
10A 250V AC
 $\varnothing \pm 0.5 \sim 4.5\text{mm}$

FEATURES:

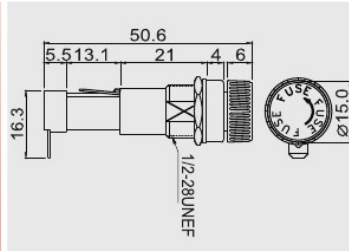
- Material:
Frame and cap: phenolic(UL flame: 94V-1).
Terminal: nickel plated brass.
- Mounted by nut.

CAP	FUSE
Screw type	$\varnothing 5.0 \times 20\text{mm}$

CUT-OUT



R3-28A



(4.8mm)0.187"
Quick connect

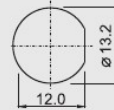
15A 250V AC
4.5mm MAX

FEATURES:

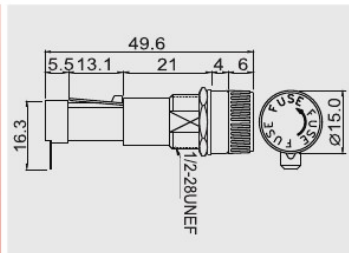
- Material:
Frame and cap: PBT(UL flame: 94V-0).
Terminal: tin plated brass.
- Mounted by nut.

CAP	FUSE
Bayonet type	\varnothing 6.35*30mm \varnothing 6.35*31.8mm

CUT-OUT



R3-28C



(4.8mm)0.187"
Quick connect

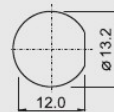
15A 250V AC
4.5mm MAX

FEATURES:

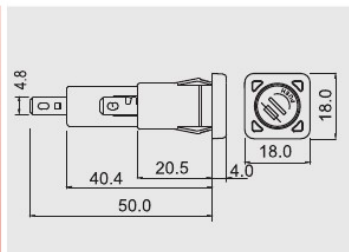
- Material:
Frame and cap: PBT(UL flame: 94V-0).
Terminal: tin plated brass.
- Mounted by nut.

CAP	FUSE
Screw type	\varnothing 6.35*30mm \varnothing 6.35*31.8mm

CUT-OUT



R3-38



(4.8mm)0.187"
Quick connect

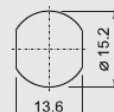
10A 250V AC
0.7~2.5mm

FEATURES:

- Material:
Body: nylon(UL flame: 94V-2).
Cap: PBT(UL flame: 94V-0).
Terminal: tin plated brass.
- Snap-in mounting, easy to install fuse holder into panel.

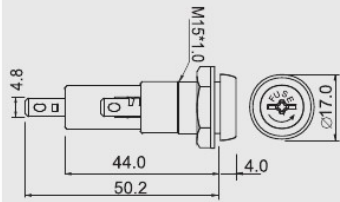
CAP	FUSE
Bayonet type (tool release)	\varnothing 6.35*30 mm \varnothing 6.35*31.8 mm

CUT-OUT



THE DRAWING IS FOR REFERENCE ONLY.

R3-44 A



(4.8mm)0.187"
Quick connect

15A 250V AC
0.5~4.0mm

FEATURES:

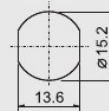
- Material:
Frame: phenolic(UL flame: 94V-1).
Cap: PBT(UL flame: 94V-0).
Terminal: tin plated brass.
- Mounted by nut.
- Metal or plastic nut is optional.

A

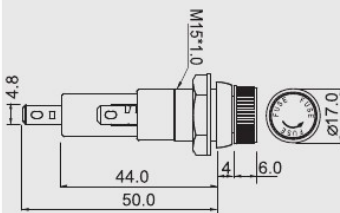
CAP	FUSE
Bayonet type (tool release)	\varnothing 6.35*30mm \varnothing 6.35*31.8mm
Bayonet type (tool release)	\varnothing 5.0*20mm
Screw type (tool release)	\varnothing 6.35*30mm \varnothing 6.35*31.8mm



CUT-OUT



R3-46 A



(4.8mm)0.187"
Quick connect

15A 250V AC
0.5~4.5mm

FEATURES:

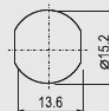
- Material:
Frame: phenolic(UL flame: 94V-1).
Cap: PBT(UL flame: 94V-0).
Terminal: tin plated brass.
- Mounted by nut.
- Metal or plastic nut is optional.

A

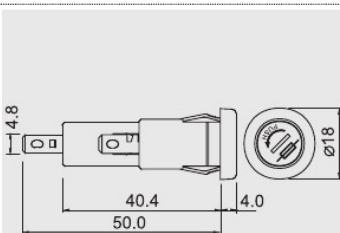
CAP	FUSE
Bayonet type	\varnothing 6.35*30mm \varnothing 6.35*31.8mm
Bayonet type	\varnothing 5.0*20mm
Screw type	\varnothing 6.35*30mm \varnothing 6.35*31.8mm



CUT-OUT



R3-49



(4.8mm)0.187"
Quick connect

10A 250V AC
0.7~2.5mm

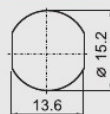
FEATURES:

- Material:
Frame: nylon(UL flame: 94V-2).
Cap: PBT(UL flame: 94V-0).
Terminal: tin plated brass.
- Snap-in mounting, easy to install fuse holder into panel.

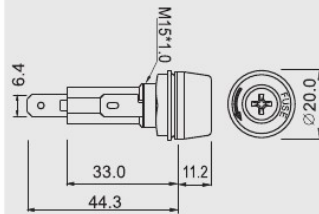
A

CAP	FUSE
Bayonet type (tool release)	\varnothing 6.35*30mm \varnothing 6.35*31.8mm
Screw type (tool release)	\varnothing 6.35*30mm \varnothing 6.35*31.8mm

CUT-OUT



R3-53AA



(6.4mm)0.250"
Quick connect

15A 250V AC
0.5~3.0mm

FEATURES:

- Material:
Frame and cap: phenolic(UL flame: 94V-1).
Terminal: nickel plated copper.
- Mounted by nut.

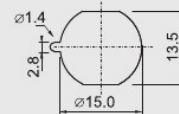
CAP

Screw type
(tool release)

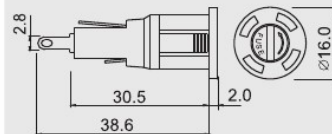
FUSE

∅ 6.35*30mm
∅ 6.35*31.8mm

CUT-OUT



R3-54



(2.8mm)0.109"
Solder

10A 125V AC/6.3A 250V AC
0.75~3.5mm

FEATURES:

- Material:
Frame and cap: nylon(UL flame: 94V-2).
Terminal: silver plated copper.
- Snap-in mounting, easy to install fuse holder into panel.

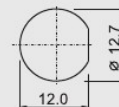
CAP

Screw type
(tool release)

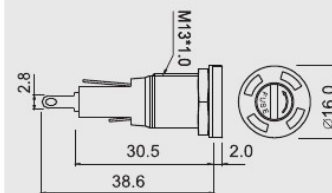
FUSE

∅ 5.0*20mm

CUT-OUT



R3-54B



(2.8mm)0.109"
Solder

10A 125V AC/6.3A 250V AC
0.7~3.5mm

FEATURES:

- Material:
Frame and cap: nylon(UL flame: 94V-2).
Terminal: silver plated copper.
- Mounted by nut.

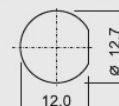
CAP

Screw type
(tool release)

FUSE

∅ 5.0*20mm

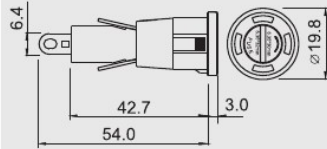
CUT-OUT



THE DRAWING IS FOR REFERENCE ONLY.

R3-55A

CALUS



(6.4mm)0.250"
Solder

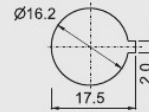
20A 250V AC
0.75~3.5mm

FEATURES:

- Material:
Frame and cap: nylon(UL flame: 94V-2).
Terminal: silver plated copper.
- Snap-in mounting, easy to install fuse holder into panel.

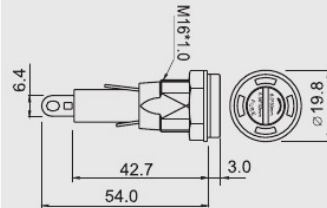
CAP	FUSE
Screw type (tool release)	\varnothing 6.35*30mm \varnothing 6.35*31.8mm

CUT-OUT



R3-55B

CALUS



(6.4mm)0.250"
Solder

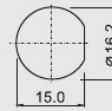
20A 250V AC
0.5~7.0mm

FEATURES:

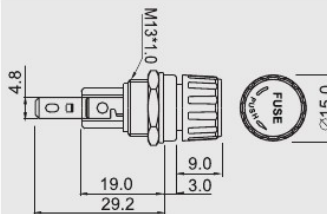
- Material:
Frame and cap: nylon(UL flame: 94V-2).
Terminal: silver plated copper.
- Mounted by nut.

CAP	FUSE
Screw type (tool release)	\varnothing 6.35*30mm \varnothing 6.35*31.8mm

CUT-OUT



R3-57



(4.8mm)0.187"
Quick connect

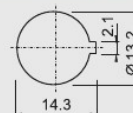
10A 250V AC
0.5~5.0mm

FEATURES:

- Material:
Body and cap: phenolic(UL flame: 94V-1).
Terminal: nickel plated brass.
- Mounted by nut.

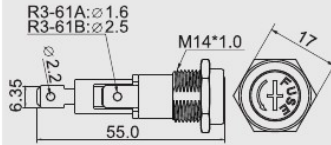
CAP	FUSE
Bayonet type	\varnothing 5.0*20mm

CUT-OUT



R3-61

IP56



(6.4mm)0.250"
Quick connect

10A 250V AC/10A 12V DC

FEATURES:

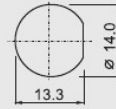
- Material:
 - Frame: PC (UL flame: 94V-2).
 - Cap: PBT (UL flame: 94V-0).
 - Terminal: nickel plated brass.
- Mounted by nut.

A
B

TERMINAL HOLE	CAP
$\varnothing 1.6$ mm	Screw type
$\varnothing 2.5$ mm	(tool release)

FUSE
$\varnothing 6.35 \times 30$ mm
$\varnothing 6.35 \times 31.8$ mm

CUT-OUT

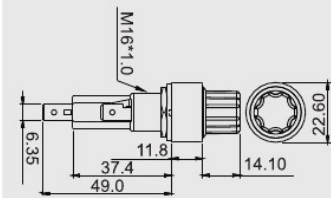


R3-63B-01-1

Waterproof / LED Warning Light

CAUS

PATENT
IP66



(6.4mm)0.250"
Quick connect

20A 250V AC
 $\varnothing 0.5 \sim 10.0$ mm

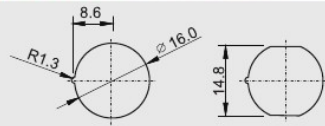
FEATURES:

- Material:
 - Frame: phenolic (UL flame: 94V-1).
 - Cap: PC (UL flame: 94V-2).
 - Terminal: silver plated copper.
- LED indicates when fuse is broken.
- Mounted by nut.

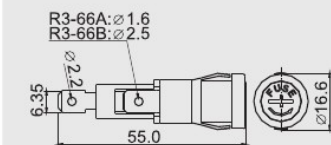
INDICATOR LIGHT	RATING
NEON	5 20A 250V AC

CAP	FUSE
Screw type	$\varnothing 6.35 \times 30$ mm
	$\varnothing 6.35 \times 31.8$ mm

CUT-OUT



R3-66



(6.4mm)0.250"
Quick connect

10A 250V AC
 $\varnothing 0.75 \sim 3.5$ mm

FEATURES:

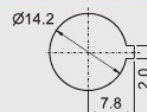
- Material:
 - Frame: PC (UL flame: 94V-2).
 - Cap: PBT (UL flame: 94V-0).
 - Terminal: nickel plated brass.
- Snap-in mounting, easy to install fuse holder into panel.

A
B

TERMINAL HOLE	CAP
$\varnothing 1.6$ mm	Screw type
$\varnothing 2.5$ mm	(tool release)

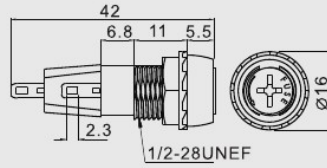
FUSE
$\varnothing 6.35 \times 30$ mm
$\varnothing 6.35 \times 31.8$ mm

CUT-OUT



THE DRAWING IS FOR REFERENCE ONLY.

R3-71



(3.0mm)0.118"
Solder

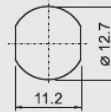
10A 250V AC/10A 12V DC
7mm MAX

FEATURES:

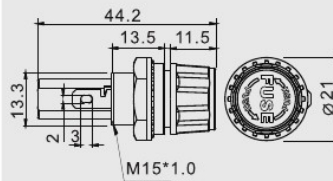
- Material:
Frame and cap: PET+30%GF(UL flame: 94V-0).
Terminal: silver plated copper.
- Mounted by nut.

CAP	FUSE
Screw type (tool release)	Ø 5.0*20mm

CUT-OUT



R3-74A



(6.4mm)0.187"
Quick connect

10A 250V AC
0.5~4.5mm

FEATURES:

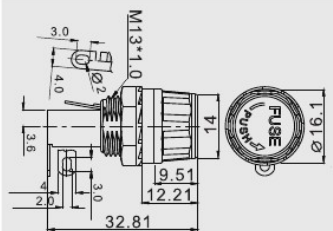
- Material:
Frame: PBT(UL flame: 94V-0).
Top cover: ABS(UL flame: 94V-HB).
Cap: PBT(UL flame: 94V-0).
Terminal: tin plated brass.
- Mounted by nut.
- Color caps are optional and replaceable.

CAP	FUSE
Bayonet type	Ø 6.35*31.8mm

CUT-OUT



R3-78



(4.0mm)0.156"
Solder

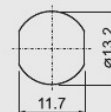
10A 250V AC
0.5~4.5mm

FEATURES:

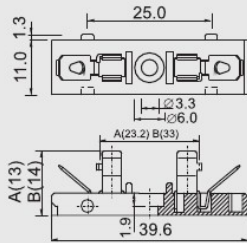
- Material:
Frame: phenolic(UL flame: 94V-0).
Top cover: ABS(UL flame: 94V-HB).
Cap: PBT(UL flame: 94V-0).
Terminal: tin plated brass.
- Mounted by nut.
- Color caps are optional and replaceable.

CAP	FUSE
Bayonet type	Ø 5*20mm

CUT-OUT



R3-45



(4.8mm)0.187"
Quick connect

FEATURES:

- Material:
Frame: PBT(UL flame: 94V-0).
Terminal: nickel plated brass.
- This fuse holder can string array.
- Mounted by screws.

A

RATING
8A 125/250V AC

FUSE
Ø 5.0*20mm

B

15A 125V AC
10A 250V AC

Ø 6.35*30mm
Ø 6.35*31.8mm

FEATURE:



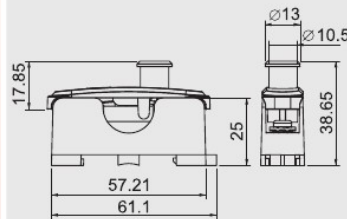
Mounted with a M3 screw

R3-62-AC

LED Warning Light



PATENT



15A 125V/10A 250V AC

1.0~1.2mm

FEATURES:

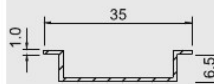
- Material:
Frame: PBT(UL flame: 94V-0).
Cap: PC(UL flame: 94V-2).
- LED indicates when fuse is broken.
- Mounted by screws or snap-in.

FUSE

Ø 6.35*30mm

Ø 6.35*31.8mm

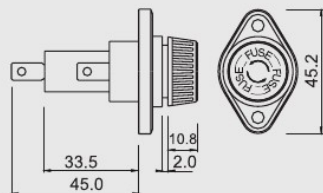
CUT-OUT



Heavy Duty

R3-18

Heavy Duty



(6.4mm)0.250"
Quick connect

30A 600V AC

0.5~10mm

FEATURES:

- Material:
Frame and cap: phenolic(UL flame: 94V-1).
Terminal: nickel plated brass.
- Mounted by screws.

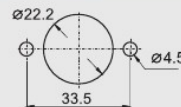
CAP

Bayonet type

FUSE

Ø 10.3*38.1mm

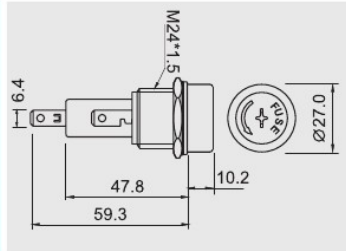
CUT-OUT



THE DRAWING IS FOR REFERENCE ONLY.

R3-41

Heavy Duty



\top (6.4mm)0.250"
Quick connect

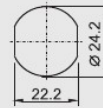
30A 600V AC
 \pm 0.5~15.5mm

FEATURES:

- Material:
Frame and cap: phenolic(UL flame: 94V-1).
Terminal: tin plated copper.
- Mounted by nut.

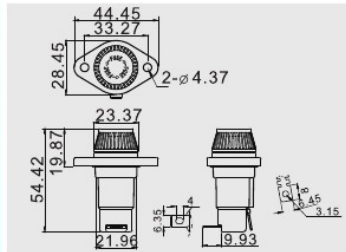
CAP	FUSE
Screw type (tool release)	\varnothing 10.3*38.1mm

CUT-OUT



R3-75

Waterproof / Heavy Duty



\top (6.35mm)0.250"
Quick connect

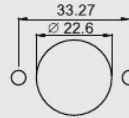
30A 600V AC

FEATURES:

- Material:
Frame: PBT(UL flame: 94V-0).
Cap: phenolic(UL flame: 94V-0).
Terminal: tin plated copper.
- Mounted by screws.
- Waterproof.

CAP	FUSE
Screw type	\varnothing 10.3(.41")*38.1mm(1.5") Class CC

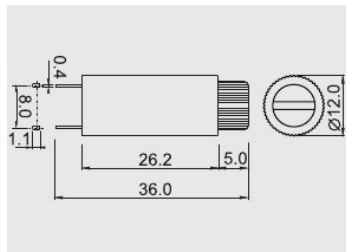
CUT-OUT



PCB Mount

R3-24

PCB Mount



\top (1.1mm)0.428"
PC

10A 250V AC
 \pm 0.5~4mm

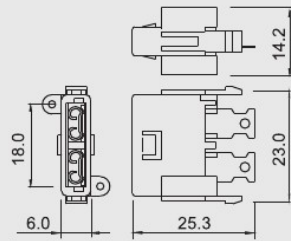
FEATURES:

- Material:
Frame: phenolic(UL flame: 94V-1).
Cap: PBT(UL flame: 94V-0).
Terminal: nickel plated brass.
- PC terminal mounted.

CAP	FUSE
Bayonet type	\varnothing 5.0*20 mm

THE SPECIFICATIONS & APPROVALS SUBJECT TO CHANGE WITHOUT NOTICE.

R3-52

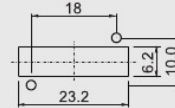


20A 24V DC

FUSE

 MAX-BLADE FUSE

CUT-OUT

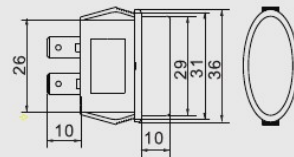



FEATURES:

- Material:
Frame: nylon(UL flame: 94V-2).
Terminal: tin plated brass.
- Snap-in mounting, easy to install fuse holder into panel.

R3-67

Heavy Duty



 (6.4mm)0.250"
Quick connect

30A 12/24V DC
0.5~7.0mm

INDICATOR LIGHT

W/O LED

With LED

FUSE

 ATO BLADE FUSE
 MTA FUSE

CUT-OUT

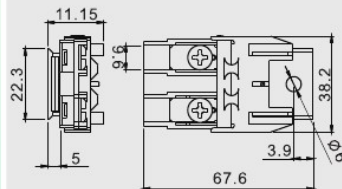


FEATURES:

- Material:
Frame: nylon(UL flame: 94V-2).
Cap: PC(UL flame: 94V-2).
Terminal: tin plated brass.
- LED indicates when fuse is broken.
- Snap-in mounting, easy to install fuse holder into panel.

R3-72

Heavy Duty



60A max 12/24/32V DC

FUSE

 MAXI FUSE

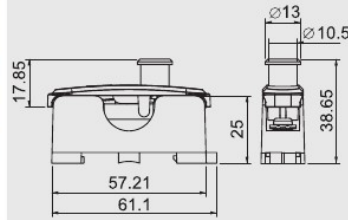
FEATURES:

- Material:
Frame: nylon(UL flame: 94V-0).
Terminal: plated copper.
- Mounted by screws.

THE DRAWING IS FOR REFERENCE ONLY.

R3-62-DC

LED Warning Light



10A 12/24V DC

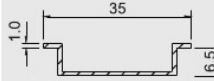
± 1.0~1.2mm

FUSE

∅ 6.35*30mm

∅ 6.35*31.8mm

CUT-OUT

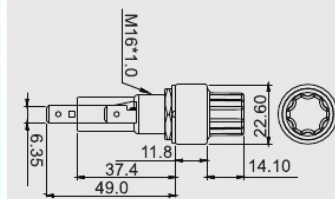


FEATURES:

- Material:
Frame: PBT(UL flame: 94V-0).
Cap: PC(UL flame: 94V-2).
- LED indicates when fuse is burned.
- Mounted by screws or snap-in.

R3-63B-01-1

Waterproof / LED Warning Light



(6.4mm)0.250"
Quick connect

20A 32V DC

± 0.5~10.0mm

INDICATOR LIGHT

LED

RATING

2 20A 32V DC

CAP

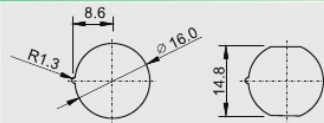
FUSE

Screw type

∅ 6.35*30mm

∅ 6.35*31.8mm

CUT-OUT



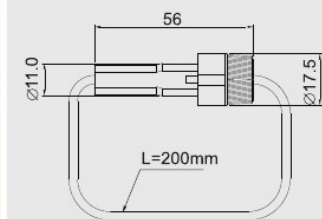
FEATURES:

- Material:
Frame: phenolic(UL flame: 94V-1).
Cap: PC(UL flame: 94V-2).
Terminal: silver plated copper.
- LED indicates when fuse is broken.
- Mounted by nut.
- Waterproof.

IN-LINE FUSE HOLDERS

Electric Parts

R3-32 A



FUSE

A ∅ 5.2*20mm

RATING

1 20A 32V DC
20A 250V AC

WIRE GAUGE

12AWG

B ∅ 6.35*30mm
∅ 6.35*31.8mm

2 15A 32V DC
15A 250V AC

14AWG

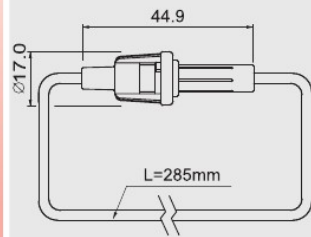
WIRE

FEATURES:

- Material:
Frame and cap: phenolic(UL flame: 94V-1).
- Wire end stripped or uncut is optional.

THE SPECIFICATIONS & APPROVALS SUBJECT TO CHANGE WITHOUT NOTICE.

R3-48-11



FUSE	WIRE GAUGE	WIRE COLOR
\emptyset 5.0*20mm	D 18AWG	Red
	E 20AWG	

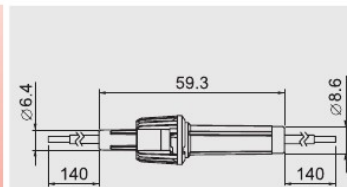
WIRE

5A 250V AC

FEATURES:

- Material:
Frame: PP (T115°C).
- Wire end stripped or uncut is optional.

R3-64



FUSE	WIRE GAUGE	WIRE COLOR
\emptyset 6.35*30mm	16AWG	Red
\emptyset 6.35*31.8mm		

WIRE

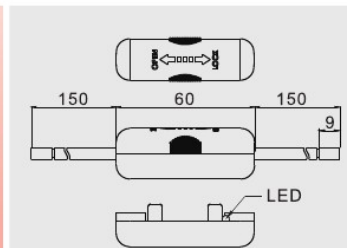
10A 250V AC

FEATURES:

- Material:
Frame and cap: PP (UL flame: 94V-0).

R3-77

LED Warning Light | Heavy Duty



FUSE	WIRE GAUGE	WIRE COLOR
\emptyset 6.35*31.8mm	10AWG	Red

WIRE

30A 32V DC

FEATURES:

- Material:
Frame: PBT (UL flame: 94V-0).
Cap: PC (UL flame: 94V-2).
- LED indicates when fuse is broken.

THE DRAWING IS FOR REFERENCE ONLY.


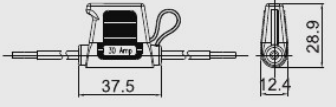
AUTO IN-LINE FUSE HOLDERS

Electric Parts

DC Rating

R3-43 **Waterproof**

IP55

	RATING	WIRE GAUGE	WIRE COLOR
A	30A 32V DC <i>Heavy Duty</i>	12AWG	Red
B	20A 32V DC	14AWG	Red
C	15A 32V DC	16AWG	Red
D	10A 32V DC	18AWG	Red

WIRE FUSE


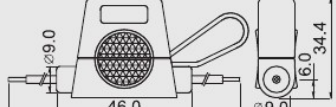
MINI BLADE FUSE

FEATURES:

- Material: Body: PVC(T105°C).

R3-47 **Waterproof**

IP55

	RATING	WIRE GAUGE	WIRE COLOR
A	30A 32V DC <i>Heavy Duty</i>	12AWG	Red
B	20A 32V DC	14AWG	Red
C	15A 32V DC	16AWG	Red
D	10A 32V DC	18AWG	Red

WIRE FUSE


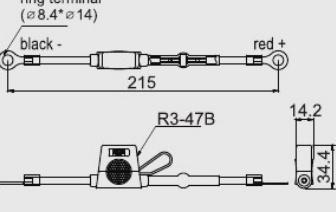
BLADE FUSE

FEATURES:

- Material: Body: PVC(T105°C).

R3-47P **Fuse Holder With Surge Protector**

IP55

	RATING	WIRE GAUGE	WIRE COLOR
	10A 12V DC		

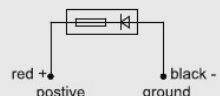
WIRE FUSE

BLADE FUSE

FEATURES:

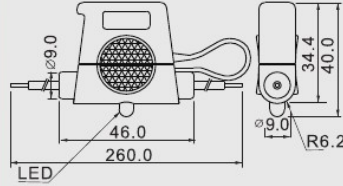
- Material: Body: PVC(T105°C).
- Wire: #14AWG.
- Dual protection.
- Designed to act as a sacrificial pathway to ground in the event of a voltage spike.
- Transient spike protector directs damaging voltage away from the alternator's diodes and allows it to dissipate through system ground.
- Protect electronic devices by transient surge absorbers.

CIRCUIT DIAGRAM



R3-59

Waterproof / LED Warning Light



	RATING	WIRE GAUGE	WIRE COLOR
A	30A 12V/24V DC	12AWG	Red
B	20A 12V/24V DC	14AWG	Red
C	15A 12V/24V DC	16AWG	Red
D	10A 12V/24V DC	18AWG	Red

WIRE

FUSE

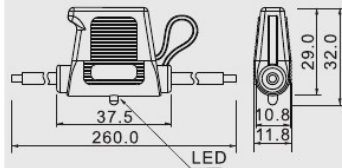
BLADE FUSE

FEATURES:

- Material:
Body: PVC(T105°C).
- LED indicates when fuse is broken.
- Waterproof.
- None polarity limited.

R3-60

Waterproof / LED Warning Light



	RATING	WIRE GAUGE	WIRE COLOR
A	30A 12V/24V DC	12AWG	Red
B	20A 12V/24V DC	14AWG	Red
C	15A 12V/24V DC	16AWG	Red
D	10A 12V/24V DC	18AWG	Red

WIRE

FUSE

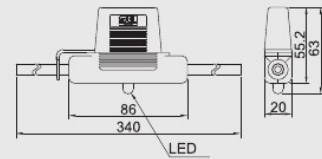
MINI BLADE FUSE

FEATURES:

- Material:
Body: PVC(T105°C).
- LED indicates when fuse is broken.
- Waterproof.
- None polarity limited.

R3-65

Waterproof / LED Warning Light



	INDICATORLIGHT	WIRE GAUGE	WIRE COLOR
L	W / O LED	6AWG	Red
	W / LED	6AWG	Red

WIRE

60A max 12/24V DC

FUSE

BLADE FUSE

FEATURES:

- Material:
Body: PVC(T105°C).
- LED indicates when fuse is broken.
- Waterproof.



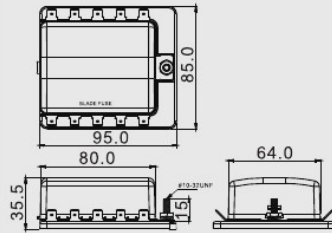
FUSE BLOCK

Electric Parts

R3-76-01-3

1

LED Warning Light | Blade Fuse



(6.4mm)0.250" Quick connect

Input: 100 A max
Output: 30A max per circuit

FUSE

BLADE FUSE

FEATURES:

- Material:
 - Base: PBT (UL flame: 94V-0).
 - Cap: PC (UL flame: 94V-2).
 - Terminal: tin plated brass.
- Input terminal rating: #10-32 threaded studs (100A. max.)
- Output terminal rating: 30A max per circuit.
- Connection pad option available.
- Input wire size: #4-6 AWG.
- Output wire size: #12-16 AWG.
- Torque rating: 20in-lb (2.25 Nm) max.
- Mounting torque rating: 8in-lb (0.9Nm) max.
- Red LED indicates when fuse is broken.
- Identify circuits by foot print marking.
- Clear insulating cover design for water and dust proof.
- Easy to open by pressing the latch.

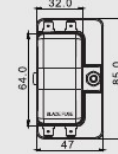
INDICATOR LIGHT

With LED

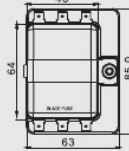
W/O LED

POSITIONS

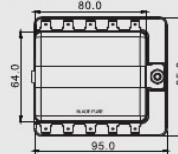
0 4



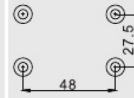
0 6



1 0



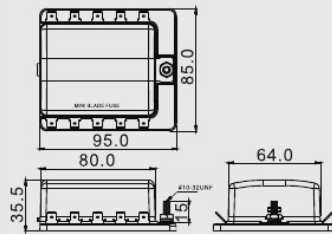
CUT-OUT



R3-79-01-1

3

LED Warning Light | Mini Blade Fuse



(6.4mm)0.250" Quick connect

Input: 100 A max
Output: 30A max per circuit

FUSE

MINI BLADE FUSE

FEATURES:

- Material:
 - Base: PBT (UL flame: 94V-0).
 - Cap: PC (UL flame: 94V-2).
 - Terminal: tin plated brass.
- Input terminal rating: #10-32 threaded studs (100A. max.)
- Output terminal rating: 30A max per circuit.
- Connection pad option available.
- Input wire size: #4-6 AWG.
- Output wire size: #12-16 AWG.
- Torque rating: 20in-lb (2.25 Nm) max.
- Mounting torque rating: 8in-lb (0.9Nm) max.
- Red LED indicates when fuse is broken.
- Identify circuits by foot print marking.
- Clear insulating cover design for water and dust proof.
- Easy to open by pressing the latch.

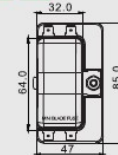
INDICATOR LIGHT

With LED

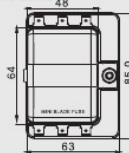
W/O LED

POSITIONS

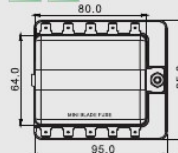
0 4



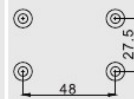
0 6



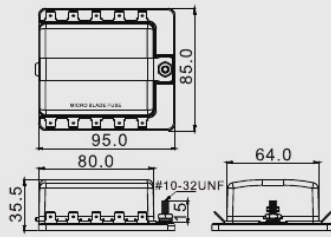
1 0



CUT-OUT



R3-80-01-1 ■ 310 **LED Warning Light | Micro Blade Fuse**

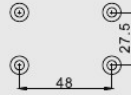


INDICATOR LIGHT

With LED

W/O LED

CUT-OUT



(6.4mm)0.250" Quick connect

Input: 100 A max
Output: 30A max per circuit

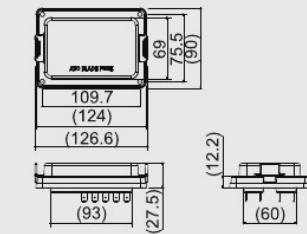
FUSE

LOW PROFILE MINI FUSE

FEATURES:

- Material:
 - Base: PBT (UL flame: 94V-0).
 - Cap: PC (UL flame: 94V-2).
 - Terminal: tin plated brass.
- Input terminal rating: #10-32 threaded studs (100A. max)
- Output terminal rating: 30A max per circuit.
- Connection pad option available.
- Input wire size: #4-6 AWG.
- Output wire size: #12-16 AWG.
- Torque rating: 20in-lb (2.25 Nm) max.
- Mounting torque rating: 8in-lb (0.9Nm) max.
- Red LED indicates when fuse is broken.
- Identify circuits by foot print marking.
- Clear insulating cover design for water and dust proof.
- Easy to open by pressing the latch.

R3-82-01-1 ■ 310 **Waterproof | ATC Blade Fuse**

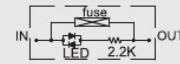


INDICATOR LIGHT

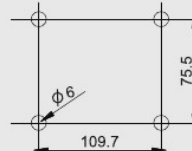
With LED

W/O LED

CIRCUIT DIAGRAM



CUT-OUT



(6.4mm)0.250" Quick connect

32V DC max
Output: 25A max per circuit

FUSE

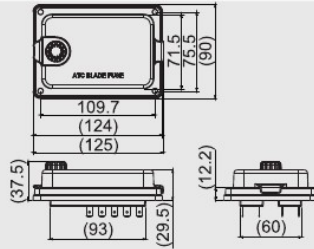
ATC BLADE FUSE

FEATURES:

- Material:
 - Base: PBT (UL flame: 94V-0).
 - Cap: PC (UL flame: 94V-2).
 - Terminal: nickel plated brass.
- Wire size: #10-16 AWG.
- Mounting torque rating: 8in-lb (0.9 Nm) max.
- Output terminal rating: 25A max per circuit.
- Red LED indicates when fuse is broken.
- Insulating cover design for water and dust proof.
- Easy to open by pressing the latch.

R3-83-01-1 310 **Waterproof / ATC Blade Fuse**

IP56

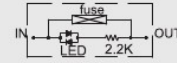


INDICATOR LIGHT

With LED

W/O LED

CIRCUIT DIAGRAM



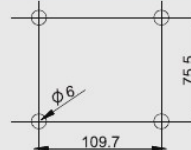
(6.4mm)0.250"
Quick connect

32V DC max
Output: 25A max per circuit

FUSE

ATC BLADE FUSE

CUT-OUT



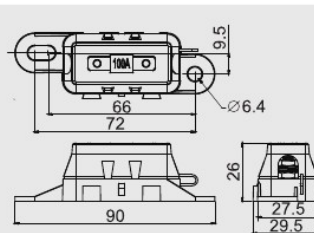
FEATURES:

- Material:
Base: PBT (UL flame: 94V-0).
Cap: PC (UL flame: 94V-2).
Terminal: nickel plated brass.
- Wire size: #10-16 AWG.
- Mounting torque rating: 8in-lb (0.9 Nm) max.
- Output terminal rating: 25A max per circuit.
- Red LED indicates when fuse is broken.
- Clear insulating cover design for water and dust proof.

AUTOMOTIVE BOLT-IN FUSE HOLDER

Electric Parts

R3-81-03F-83



32V DC, 30A~100A (max.)

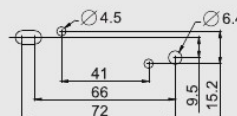
FUSE

AMI FUSE

FEATURES:

- Material:
Cover: nylon (UL flame: 94V-2).
Housing: PBT (UL flame: 94V-0).
- Wire size: #2-8 AWG.
- Termination: M5 threaded studs and hex nuts for fuse mounting.
- Torque rating: 20in-lb (2.25 Nm) max.
- Mounting torque rating: 44in-lb (5 Nm) max.
- Side stackable for multiple block configurations.

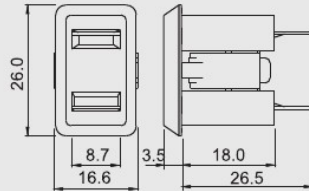
CUT-OUT



R7 RECEPTACLES

Electric Parts

R7-21



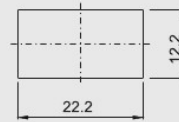
(4.0mm)0.156"
Solder

15A 125V AC
DC500V 100MΩ
AC 1500V

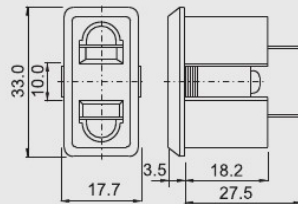
FEATURES:

- Material:
Housing: phenolic.
Contact: nickel plated brass.
- Snap-in mounting, easy to install receptacle to panel.
- Fit flat plug.

CUT-OUT



R7-22



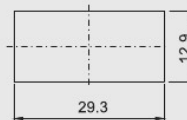
(4.0mm)0.156"
Solder

15A 125V AC
DC500V 100MΩ
AC 1500V

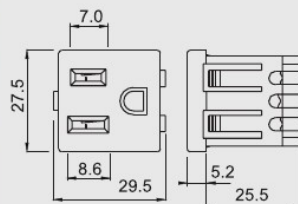
FEATURES:

- Material:
Housing: phenolic.
Contact: nickel plated brass.
- Snap-in mounting, easy to install receptacle to panel.
- Fit flat and round plugs.

CUT-OUT



R7-23

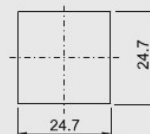


15A 125V AC
DC500V 100MΩ
AC 1500V

FEATURES:

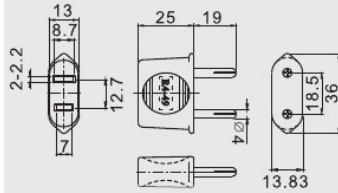
- Material:
Housing: phenolic.
Contact: nickel plated brass.
- Snap-in mounting, easy to install receptacle to panel.
- Fit North American NEMA5-15R receptacles (with grounding).

CUT-OUT



THE DRAWING IS FOR REFERENCE ONLY.

R4-49B



16A 125V AC/10A 250V AC

DC500V 100MΩ

AC 1500V

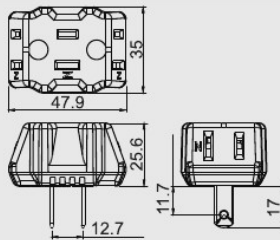
FEATURES:

- Material:
Housing: ABS.
Contact: nickel plated brass.
- Fit flat and round plugs.

E10 Triple-Outlet Socket

E10-3A

R63653



15A 125V AC

DC500V 100MΩ

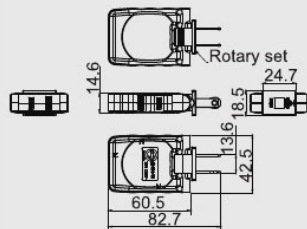
AC 1500V

FEATURES:

- Material:
Housing: PC (UL flame:94V-2).
Contact: nickel plated brass.
- LED 2PCS, ∅ 5mm LED (300mcd).
- Color: white, blue, green.

E10-10

R63653



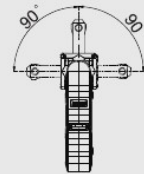
15A 125V AC

DC500V 100MΩ

AC 1500V

FEATURES:

- Material:
Housing: PC (UL flame:94V-2).
Contact: nickel plated brass.
- LED: 2PCS blue LED(300mcd).
- Color: white, blue, green.



INTERNATIONAL APPROVALS LIST

Electric Parts

FUSE HOLDERS



MODEL NO.	TYPE	FUSE TYPE	UL	CUL	CSA	VDE	RATING	TERMINAL TYPE	PAGE
R3-9	A,C,CO	∅ 6.35*30mm ∅ 6.35*31.8mm		●	●		15A 250V AC	Quick connect	1
	-,B	∅ 5.0*20mm		●	●		10A 250V AC		
R3-11	-,B	∅ 5.0*20mm		●	●		10A 250V AC	Solder	1
R3-12		∅ 5.0*20mm		●	●		10A 250V AC	Solder	1
	E			●			10A 250V AC	Solder	2
R3-13	-	∅ 6.35*30mm		●	●		10A 250V AC	Quick connect, Solder	2
	E	∅ 6.35*31.8mm		●					
R3-14	A	∅ 6.35*30mm ∅ 6.35*31.8mm		●	●		10A 250V AC	Solder	3
	C,D			●	●			Quick connect	
	A2			●			30A 250V AC	Solder	
R3-18	-	∅ 10.3*38.1mm		●	●		30A 600V AC	Quick connect	11
R3-21	A	∅ 6.35*30mm		●			10A 250V AC	Solder	4
R3-22	A	∅ 6.35*30mm 6.35*31.8mm		●	●		10A 250V AC	Quick connect	4
R3-24	-	∅ 5.0*20mm		●			10A 250V AC	PC	12
R3-26	-	∅ 5.0*20mm		●			10A 250V AC	Solder	4
R3-28	A,C	∅ 6.35*30mm ∅ 6.35*31.8mm		●	●		15A 250V AC	Quick connect	5
R3-38	-	∅ 6.35*30mm ∅ 6.35*31.8mm		●			10A 250V AC	Quick connect	5
R3-41	-	∅ 10.3*38.1mm		●			30A 600V AC	Quick connect	12
R3-44	AA,CA	∅ 6.35*30mm ∅ 6.35*31.8mm		●			15A 250V AC	Quick connect	6
	BA	∅ 5.0*20mm		●					
	CA	∅ 6.35*30mm ∅ 6.35*31.8mm			●				
R3-45	A	∅ 5.0*20mm			●		8A 125V AC 8A 250V AC	Quick connect	11
	B	∅ 6.35*30mm ∅ 6.35*31.8mm		●	●		15A 125V AC 10A 250V AC		
R3-46	AA,CA	∅ 6.35*30mm ∅ 6.35*31.8mm		●			15A 250V AC	Quick connect	6
	BA	∅ 5.0*20mm		●					
	CA	∅ 6.35*30mm ∅ 6.35*31.8mm			●				
R3-49	A,C	∅ 6.35*30mm ∅ 6.35*31.8mm		●			10A 250V AC	Quick connect	6
R3-52	-	MAX-BLAED FUSE					20A 24V DC	-	13
R3-53	AA	∅ 6.35*30mm ∅ 6.35*31.8mm		●			15A 250V AC	Quick connect	7
R3-54	-, B	∅ 5.0*20mm		●		●	10A 125V AC 6.3A 250V AC	Solder	7
R3-55	A,B	∅ 6.35*30mm ∅ 6.35*31.8mm		●			20A 250V AC	Solder	8
R3-57	-	∅ 5.0*20mm					10A 250V AC	Quick connect	8
R3-61	-	∅ 6.35*30mm ∅ 6.35*31.8mm					10A 250V AC/ 10A12VDC	Quick connect	9
R3-62	AC	∅ 6.35*30mm					15A 125V AC/10A 250V AC	-	11
	DC	∅ 6.35*31.8mm					10A 12V/24V DC		14
R3-63B-01-1	N	∅ 6.35*30mm		●			20A 250V AC	Quick connect	9
	L	∅ 6.35*31.8mm					20A 32V DC		14
R3-66	A,B	∅ 6.35*30mm ∅ 6.35*31.8mm					10A 250V AC	Quick connect	9
R3-67	-,L	ATO BLADE FUSE MTA FUSE					30A 12V/24V DC	Quick connect	13
R3-71	-	∅ 5.0*20mm					10A 250V AC/10A 12V DC	Solder	10
R3-72	-	MAXI FUSE					60A max 12/24/32V DC	-	13
R3-74	A	∅ 6.35*31.8mm		●			10A 250V AC	Quick connect	10
R3-75	-	∅ 10.3*38.1mm (∅ 0.41" * 1.5" in)					30A 600V AC	Quick connect	12
R3-78	-	∅ 5.0*20mm		●			10A 250V AC	Solder	10

THE DRAWING IS FOR REFERENCE ONLY.

IN-LINE FUSE HOLDERS



MODEL NO.	TYPE	FUSE TYPE	UL	CUL	CSA	VDE	RATING	TERMINAL TYPE	PAGE
R3-32	AA1,BA1	∅ 5.2*20mm		●			20A 32V DC/20A 250V AC	WIRE:12AWG	14
	AA2,BA2	∅ 6.35*30mm ∅ 6.35*31.8mm					15A 32V DC/ 15A 250V AC	WIRE:14AWG	
R3-43	A,B,C,D	MINI BLADE FUSE					30A/20A/15A/10A 32V DC	WIRE: 12/14/16/18AWG	16
R3-47	A,B,C,D	BLADE FUSE					30A/20A/15A/10A 32V DC	WIRE: 12/14/16/18AWG	16
R3-47	P	BLADE FUSE					10A 12V DC	WIRE:14AWG	16
R3-48-11	D,E	∅ 5.0*20mm		●			5A 250V AC	WIRE:18AWG	15
								WIRE:20AWG	
R3-59	A,B,C,D	BLADE FUSE					30A/20A/15A/10A 12/24V DC	WIRE: 12/14/16/18AWG	17
R3-60	A,B,C,D	MINI BLADE FUSE					30A/20A/15A/10A 12/24V DC	WIRE: 12/14/16/18AWG	17
R3-64		∅ 6.35*30mm		●			10A 250V AC	WIRE:16AWG	15
		∅ 6.35*31.8mm							
R3-65	-,L	BLADE FUSE					20A-60A 12/24V DC	WIRE:6AWG	17
R3-77		∅ 6.35*31.8 mm					30A 32V DC	WIRE:10AWG	15

FUSE BLOCK



MODEL NO.	TYPE	FUSE TYPE	UL	CUL	CSA	VDE	RATING	TERMINAL TYPE	PAGE
R3-76-01		BLADE FUSE					Input: 100A max Output: 30A max per circuit	Quick connect	18
R3-79-01		MIMI BLADE FUSE					Input: 100A max Output: 30A max per circuit	Quick connect	18
R3-80		MICRO BLADE FUSE					Input: 100A max Output: 30A max per circuit	Quick connect	19
R3-82		ATC BLADE FUSE					32V DC max Output:25A max per circuit	Quick connect	19
R3-83		ATC BLADE FUSE					32V DC max Output:25A max per circuit	Quick connect	20

AUTOMOTIVE BOLT-IN FUSE HOLDER



MODEL NO.	TYPE	FUSE TYPE	UL	CUL	CSA	VDE	RATING	TERMINAL TYPE	PAGE
R3-81-03F-83		AMI FUSE					32V DC		20

RECEPTACLES



MODEL NO.	TYPE	UL	CUL	CSA	VDE	RATING	TERMINAL TYPE	PAGE
R7-21				●		15A 125V AC	Solder	21
R7-22						15A 125V AC	Solder	21
R7-23						15A 125V AC		21
R4-49B						16A 125V AC/10A 250V AC		22
E10-3A						15A 125V AC		22
E10-10						15A 125V AC		22

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