

# ➤ **Electronic**

**AUTOMOTIVE**

**Automotive**

**Automobile**



**FUSIBILI CILINDRICI**

Cylindrical fuses | Fusibles Cylindriques

**FUSIBILI CONICI**

Tapered fuses | Fusibles coniques

**FUSIBILI A LAMA**

Blade fuses | Fusibles à lame

**FUSIBILI PER TRAZIONE**

Fuses for industrial trucks | Fusibles à traction

**PORTAFUSIBILI**

Fuseholders | Porte-fusibles

**PRODUTTORI | Manufacturers | Producteurs****Bussmann**

# > Electronic

## AUTOMOTIVE

### Automotive

### Automobile

#### INFORMAZIONI GENERALI

##### General Information

##### Informations Générales

#### ■ FUSIBILI

Il componente chiave di un fusibile è l'elemento di fusione, un piccolo pezzo di filo metallico o una bandella di un materiale (argento o rame argentato) con un punto di fusione relativamente basso e prevedibile.

I fusibili sono dispositivi sensibili alla corrente, selezionati per essere il conduttore più debole del circuito. La protezione del circuito avviene quando il fusibile fonde e interrompe in sicurezza il flusso di corrente.

Il criterio chiave per giudicare la prestazione di un fusibile è la curva tempo-corrente. La curva viene utilizzata per dimensionare il fusibile in relazione al sovraccarico di corrente previsto nell'applicazione.

#### ■ FUSES

The key component of a fuse is the "element", a short piece of metallic wire or strap made of a material with a relatively low and predictable melting point.

Fuses are current sensitive devices and selected to be the weakest link in the circuit.

Circuit protection is provided when the fuse link melts and safely interrupt the overcurrent demand.

The key criteria to judge the performance of a fuse is the time versus current characteristic curve. The curve can be used to match the fuse with the anticipated overcurrent load expected in the application.

#### ■ FUSIBLES

Le composant clé d'un fusible est l'élément de fusion, un petit bout de fil métallique ou une bande d'un matériau (argent ou cuivre argenté) ayant un point de fusion relativement bas et compatible avec l'application. Les fusibles sont sensibles au courant et sont choisis afin d'être le conducteur le plus faible du circuit.

La protection du circuit a lieu lorsque le fusible fond et interrompt en toute sécurité le passage du courant.

Le critère clé pour juger de la bonne performance d'un fusible est la courbe temps-courant. La courbe est utilisée pour dimensionner le fusible par rapport à la surcharge de courant prévue dans l'application.

#### APPLICAZIONI

##### Applications | Applications

#### ■ Automobili

Cars | Voitures

#### ■ Accessori per automobili

Car accessories | Accessoires pour voitures

#### ■ Antifurti per auto

Car alarms | Antivols pour voitures

#### ■ Frigoriferi per auto

Car refrigerators | Réfrigération pour véhicules

#### ■ Muletti

Lifts | Chariots élévateurs

#### ■ Montacarichi

Elevators | Monte-charges

#### ■ Protezione batterie

Battery protection | Protection pour voitures

#### VANTAGGI

##### Advantages | Avantages

#### ■ Vasta gamma

Wide range | Large gamme de choix

#### ■ Pronta consegna

Prompt delivery | Livraison rapide

#### ■ Facile reperibilità

Easy availability | Faciles à trouver

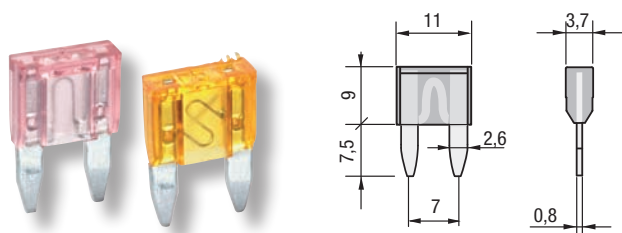
#### ■ Basso costo

Low cost | Prix bas



## AUTOMOTIVE

Automotive | Automobile



### FUSIBILI RL MINI LAMA

RL mini blade fuses | Mini-fusibles à lame RL

|                                          |                                         |                                         |
|------------------------------------------|-----------------------------------------|-----------------------------------------|
| <b>Caratteristica</b><br>F= rapido       | <b>Characteristic</b><br>F= fast        | <b>Caractéristique</b><br>F= rapide     |
| <b>Tensione</b><br>32 Vdc                | <b>Voltage</b><br>32 Vdc                | <b>Tension</b><br>32 Vdc                |
| <b>Capacità di rottura</b><br>1000 A     | <b>Breaking capacity</b><br>1000 A      | <b>Pouvoir de coupure</b><br>1000 A     |
| <b>Contatto</b><br>A lama, faston 2,8 mm | <b>Contacts</b><br>Blade, faston 2,8 mm | <b>Contact</b><br>À lame, faston 2,8 mm |
| <b>Corpo</b><br>Plastica colorata        | <b>Body</b><br>Coloured plastic         | <b>Corps</b><br>Plastique coloré        |
| <b>Norme riferimento</b><br>SAE J2077    | <b>Standards</b><br>SAE J2077           | <b>Normes</b><br>SAE J2077              |



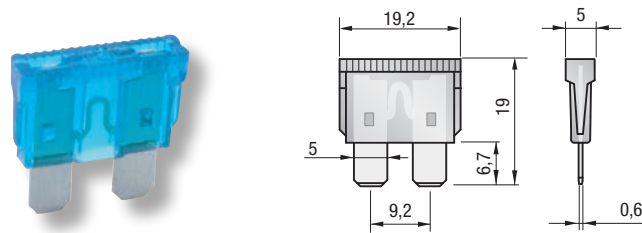
### TEMPI DI FUSIONE | Time current | Temps de fusion

| Corrente nominale In<br>Rated current<br>Courant nominal | Corrente di prova   Test current   Courant d'essai |                 |              |                |
|----------------------------------------------------------|----------------------------------------------------|-----------------|--------------|----------------|
|                                                          | 1,1xIn                                             | 1,35xIn         | 2xIn         | 6xIn           |
| 2 A - 35 A                                               | > 100 h                                            | 750 ms - 1800 s | 150 ms - 5 s | 20 ms - 100 ms |

| Corrente nominale<br>Rated current<br>Courant nominal | Codice<br>Code<br>Code | Tensione<br>Voltage<br>Tension | Colore<br>Colour<br>Couleur |
|-------------------------------------------------------|------------------------|--------------------------------|-----------------------------|
| 2 A                                                   | RL32.02                | 32 Vdc                         |                             |
| 3 A                                                   | RL32.03                | 32 Vdc                         |                             |
| 4 A                                                   | RL32.04                | 32 Vdc                         |                             |
| 5 A                                                   | RL32.05                | 32 Vdc                         |                             |
| 7,5 A                                                 | RL32.07                | 32 Vdc                         |                             |
| 10 A                                                  | RL32.10                | 32 Vdc                         |                             |
| 15 A                                                  | RL32.15                | 32 Vdc                         |                             |
| 20 A                                                  | RL32.20                | 32 Vdc                         |                             |
| 25 A                                                  | RL32.25                | 32 Vdc                         |                             |
| 30 A                                                  | RL32.30                | 32 Vdc                         |                             |
| 35 A                                                  | RL32.35                | 32 Vdc                         |                             |



a richiesta sono fornibili con LED  
they are available with led upon request  
sur demande on peut les fournir avec led



### FUSIBILI AL LAMA

AL blade fuses | Fusibles à lame AL

|                                          |                                         |                                         |
|------------------------------------------|-----------------------------------------|-----------------------------------------|
| <b>Caratteristica</b><br>F= rapido       | <b>Characteristic</b><br>F= fast        | <b>Caractéristique</b><br>F= rapide     |
| <b>Tensione</b><br>32 Vdc                | <b>Voltage</b><br>32 Vdc                | <b>Tension</b><br>32 Vdc                |
| <b>Capacità di rottura</b><br>1000 A     | <b>Breaking capacity</b><br>1000 A      | <b>Pouvoir de coupure</b><br>1000 A     |
| <b>Contatto</b><br>A lama, faston 6,3 mm | <b>Contacts</b><br>Blade, faston 6,3 mm | <b>Contact</b><br>À lame, faston 6,3 mm |
| <b>Corpo</b><br>Plastica colorata        | <b>Body</b><br>Coloured plastic         | <b>Corps</b><br>Plastique coloré        |
| <b>Norme riferimento</b><br>SAE - J 1284 | <b>Standards</b><br>SAE - J 1284        | <b>Normes</b><br>SAE - J 1284           |



### TEMPI DI FUSIONE | Time current | Temps de fusion

| Corrente nominale In<br>Rated current<br>Courant nominal | Corrente di prova   Test current   Courant d'essai |                 |              |                |
|----------------------------------------------------------|----------------------------------------------------|-----------------|--------------|----------------|
|                                                          | 1,1xIn                                             | 1,35xIn         | 2xIn         | 6xIn           |
| 1 A - 40 A                                               | > 100 h                                            | 750 ms - 1800 s | 150 ms - 5 s | 20 ms - 100 ms |

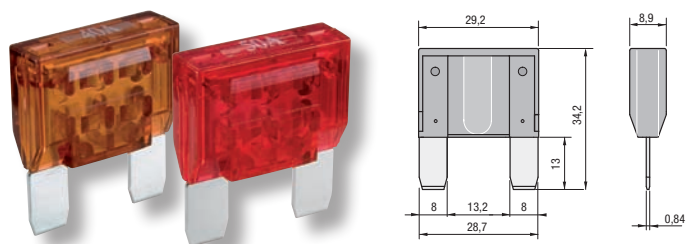
| Corrente nominale<br>Rated current<br>Courant nominal | Codice<br>Code<br>Code | Tensione<br>Voltage<br>Tension | Colore<br>Colour<br>Couleur |
|-------------------------------------------------------|------------------------|--------------------------------|-----------------------------|
| 1 A                                                   | AL32.01                | 32 Vdc                         |                             |
| 2 A                                                   | AL32.02                | 32 Vdc                         |                             |
| 3 A                                                   | AL32.03                | 32 Vdc                         |                             |
| 4 A                                                   | AL32.04                | 32 Vdc                         |                             |
| 5 A                                                   | AL32.05                | 32 Vdc                         |                             |
| 7,5 A                                                 | AL32.07                | 32 Vdc                         |                             |
| 10 A                                                  | AL32.10                | 32 Vdc                         |                             |
| 15 A                                                  | AL32.15                | 32 Vdc                         |                             |
| 20 A                                                  | AL32.20                | 32 Vdc                         |                             |
| 25 A                                                  | AL32.25                | 32 Vdc                         |                             |
| 30 A                                                  | AL32.30                | 32 Vdc                         |                             |
| 35 A                                                  | AL32.35                | 32 Vdc                         |                             |
| 40 A                                                  | AL32.40                | 32 Vdc                         |                             |



a richiesta sono fornibili con LED  
they are available with led upon request  
sur demande on peut les fournir avec led

## AUTOMOTIVE

Automotive | Automobile



### FUSIBILI ML MAXI LAMA

ML maxi blade fuses | Maxi-fusibles à lame ML

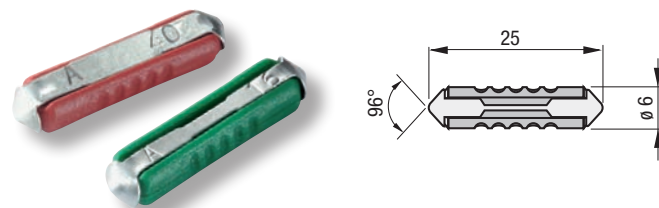
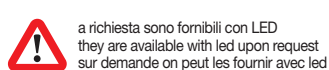
|                                          |                                        |                                         |
|------------------------------------------|----------------------------------------|-----------------------------------------|
| <b>Caratteristica</b><br>T= ritardati    | <b>Characteristic</b><br>T= time delay | <b>Caractéristique</b><br>T= temporisés |
| <b>Tensione</b><br>32 Vdc                | <b>Voltage</b><br>32 Vdc               | <b>Tension</b><br>32 Vdc                |
| <b>Capacità di rottura</b><br>1000 A     | <b>Breaking capacity</b><br>1000 A     | <b>Pouvoir de coupure</b><br>1000 A     |
| <b>Contatto</b><br>A lama                | <b>Contacts</b><br>Blade               | <b>Contact</b><br>À lame                |
| <b>Corpo</b><br>Plastica colorata        | <b>Body</b><br>Coloured plastic        | <b>Corps</b><br>Plastique coloré        |
| <b>Norme riferimento</b><br>SAE - J 1888 | <b>Standards</b><br>SAE - J 1888       | <b>Normes</b><br>SAE - J 1888           |



### TEMPI DI FUSIONE | Time current | Temps de fusion

| Corrente nominale In<br>Rated current<br>Courant nominal | Corrente di prova   Test current   Courant d'essai |               |            |             |
|----------------------------------------------------------|----------------------------------------------------|---------------|------------|-------------|
|                                                          | 1,1xIn                                             | 1,35xIn       | 2xIn       | 6xIn        |
| 20 A - 120 A                                             | > 100 h                                            | 60 s - 3600 s | 2 s - 60 s | 40 ms - 1 s |

| Corrente nominale<br>Rated current<br>Courant nominal | Codice<br>Code<br>Code | Tensione<br>Voltage<br>Tension | Colore<br>Colour<br>Couleur |
|-------------------------------------------------------|------------------------|--------------------------------|-----------------------------|
| 20 A                                                  | ML32.20                | 32 Vdc                         |                             |
| 25 A                                                  | ML32.25                | 32 Vdc                         |                             |
| 30 A                                                  | ML32.30                | 32 Vdc                         |                             |
| 35 A                                                  | ML32.35                | 32 Vdc                         |                             |
| 40 A                                                  | ML32.40                | 32 Vdc                         |                             |
| 50 A                                                  | ML32.50                | 32 Vdc                         |                             |
| 60 A                                                  | ML32.60                | 32 Vdc                         |                             |
| 70 A                                                  | ML32.70                | 32 Vdc                         |                             |
| 80 A                                                  | ML32.80                | 32 Vdc                         |                             |
| 100 A                                                 | ML32.100               | 32 Vdc                         |                             |
| 120 A                                                 | ML32.120               | 32 Vdc                         |                             |



### FUSIBILI AC

AC fuses | Fusibles AC

|                                          |                                  |                               |
|------------------------------------------|----------------------------------|-------------------------------|
| <b>Dimensioni</b><br>6x25 mm             | <b>Dimensions</b><br>6x25 mm     | <b>Dimensions</b><br>6x25 mm  |
| <b>Tensione</b><br>32 Vdc                | <b>Voltage</b><br>32 Vdc         | <b>Tension</b><br>32 Vdc      |
| <b>Contatto</b><br>Conico                | <b>Contact</b><br>Tapered        | <b>Contact</b><br>Conique     |
| <b>Corpo</b><br>Plastica                 | <b>Body</b><br>Plastic           | <b>Corps</b><br>Plastique     |
| <b>Norma riferimento</b><br>FIAT 9.91806 | <b>Standards</b><br>FIAT 9.91806 | <b>Normes</b><br>FIAT 9.91806 |



### TEMPI DI FUSIONE | Time current | Temps de fusion

| Corrente nominale In<br>Test current<br>Courant nominal | Corrente di prova   Test current   Courant d'essai |          |
|---------------------------------------------------------|----------------------------------------------------|----------|
|                                                         | 1,5xIn                                             | 2,5xIn   |
| 5 A - 40 A                                              | > 1 h min                                          | 60 s max |

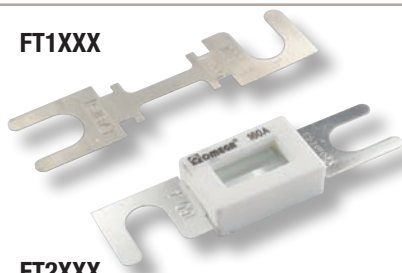
| Corrente nominale<br>Rated current<br>Courant nominal | Codice<br>Code<br>Code | Colore<br>Colour<br>Couleur |
|-------------------------------------------------------|------------------------|-----------------------------|
| 5 A                                                   | AC05                   |                             |
| 8 A                                                   | AC08                   |                             |
| 10 A                                                  | AC10                   |                             |
| 16 A                                                  | AC16                   |                             |
| 25 A                                                  | AC25                   |                             |
| 40 A                                                  | AC40                   |                             |



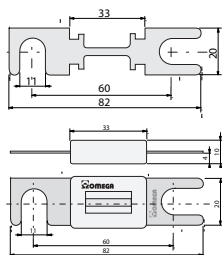
## AUTOMOTIVE

Automotive | Automobile

FT1XXX



FT2XXX



### FUSIBILI FT

FT fuses | Fusibles FT

**Fusibili per trazione**  
Carrelli industriali  
ed elevatori

**Passo**  
60 mm

**Caratteristica**  
F= rapido

**Tensione**  
80 Vdc

**Norme riferimento**  
DIN 13560/1

**Fuses for battery powered**  
industrial trucks  
and elevators

**Fixing centres**  
60 mm

**Characteristic**  
F= fast

**Voltage**  
80 Vdc

**Standards**  
DIN 13560/1

**Fusibles pour chariots**  
industriels, élévateurs  
et monte-charges

**Pas**  
60 mm

**Caractéristique**  
F= rapide

**Tension**  
80 Vdc

**Normes**  
DIN 13560/1

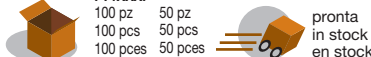


### TEMPI DI FUSIONE | Time current | Temps de fusion

| Corrente nominale In<br>Test current<br>Courant nominal | Corrente di prova   Test current   Courant d'essai |        |            |           |
|---------------------------------------------------------|----------------------------------------------------|--------|------------|-----------|
|                                                         | 1,5xIn                                             | 1,8xIn | 2,5xIn     | 4xIn      |
| FT1XXX 50 A - 500 A                                     | > 1 h                                              | < 1 h  | 0,8 - 10 s | 0,2 - 2 s |
| FT2XXX 20 A - 500 A                                     | > 1 h                                              | < 1 h  | 0,8 - 10 s | 0,2 - 2 s |

| Corrente nominale<br>Rated current<br>Courant nominal | Codice FT1<br>FT1 code<br>Code FT1 | Codice FT2<br>FT2 code<br>Code FT2 |
|-------------------------------------------------------|------------------------------------|------------------------------------|
| 20 A                                                  | -                                  | FT 2020                            |
| 25 A                                                  | -                                  | FT 2025                            |
| 35 A                                                  | -                                  | FT 2035                            |
| 40 A                                                  | -                                  | FT 2040                            |
| 50 A                                                  | FT 1050                            | FT 2050                            |
| 63 A                                                  | FT 1063                            | FT 2063                            |
| 80 A                                                  | FT 1080                            | FT 2080                            |
| 100 A                                                 | FT 1100                            | FT 2100                            |
| 125 A                                                 | FT 1125                            | FT 2125                            |
| 160 A                                                 | FT 1160                            | FT 2160                            |
| 175 A                                                 | -                                  | FT 2175                            |
| 200 A                                                 | FT 1200                            | FT 2200                            |
| 225 A                                                 | -                                  | FT 2225                            |
| 250 A                                                 | FT 1250                            | FT 2250                            |
| 275 A                                                 | -                                  | FT 2275                            |
| 300 A                                                 | FT 1300                            | FT 2300                            |
| 325 A                                                 | FT 1325                            | FT 2325                            |
| 355 A                                                 | FT 1355                            | FT 2355                            |
| 400 A                                                 | -                                  | FT 2400                            |
| 425 A                                                 | FT 1425                            | FT 2425                            |
| 500 A                                                 | FT 1500                            | FT 2500                            |

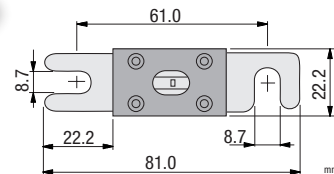
FT1XXX: 100 pz 50 pz  
100 pcs 50 pcs



pronta  
in stock  
en stock



portafusibile: vedi articolo FP1020 a pag. 93  
fuseholder: see P/N FP1020 on page 93  
porte-fusible: voir article FP1020 p. 93



### FUSIBILI FT

FT fuses | Fusibles FT

**Fusibili per trazione**  
Carrelli industriali  
ed elevatori

**Passo**  
61 mm

**Caratteristica**  
ANN = Extra rapidi  
ANL = Semirapidati

**Tensione**  
80 Vdc

**Capacità di rottura**  
2700 A dc

**Cod. omologazione**  
Bussmann = ANN  
Bussmann = ANL

**Norme riferimento**  
ANL = SAE J1171

**Fuses for battery powered**  
industrial trucks  
and elevators

**Fixing centres**  
61 mm

**Characteristic**  
ANN = Very fast-acting  
ANL = Non time delay

**Voltage**  
80 Vdc

**Breaking capacity**  
2700 A dc

**Approval code**  
Bussmann = ANN  
Bussmann = ANL

**Standards**  
ANL = SAE J1171

**Fusibles pour chariots**  
industriels, élévateurs  
et monte-charges

**Pas**  
61 mm

**Caractéristique**  
ANN = Ultra rapides  
ANL = Semi-temporisés

**Tension**  
80 Vdc

**Pouvoir de coupure**  
2700 A dc

**Code d'homologation**  
Bussmann = ANN  
Bussmann = ANL

**Normes**  
ANL = SAE J1171



| Corrente nominale<br>Rated current<br>Courant nominal | Codice ANN<br>ANN code<br>Code ANN | Codice ANL<br>ANL code<br>Code ANL |
|-------------------------------------------------------|------------------------------------|------------------------------------|
| 10 A                                                  | • ANN-10                           | -                                  |
| 35 A                                                  | ANN-35                             | • ANL-35                           |
| 40 A                                                  | ANN-40                             | • ANL-40                           |
| 50 A                                                  | ANN-50                             | • ANL-50                           |
| 60 A                                                  | ANN-60                             | • ANL-60                           |
| 80 A                                                  | ANN-80                             | • ANL-80                           |
| 90 A                                                  | ANN-90                             | -                                  |
| 100 A                                                 | ANN-100                            | • ANL-100                          |
| 125 A                                                 | ANN-125                            | • ANL-125                          |
| 130 A                                                 | -                                  | • ANL-130                          |
| 150 A                                                 | ANN-150                            | • ANL-150                          |
| 175 A                                                 | ANN-175                            | • ANL-175                          |
| 200 A                                                 | ANN-200                            | • ANL-200                          |
| 225 A                                                 | ANN-225                            | • ANL-225                          |
| 250 A                                                 | ANN-250                            | • ANL-250                          |
| 275 A                                                 | ANN-275                            | • ANL-275                          |
| 300 A                                                 | ANN-300                            | • ANL-300                          |
| 325 A                                                 | ANN-325                            | • ANL-325                          |
| 350 A                                                 | ANN-350                            | • ANL-350                          |
| 400 A                                                 | ANN-400                            | • ANL-400                          |
| 500 A                                                 | ANN-500                            | • ANL-500                          |
| 600 A                                                 | • ANN-600                          | ANL-600                            |
| 675 A                                                 | -                                  | ANL-675                            |
| 700 A                                                 | • ANN-700                          | -                                  |
| 750 A                                                 | -                                  | ANL-750                            |
| 800 A                                                 | • ANN-800                          | -                                  |



5 pz 5 pcs  
5 pcs 5 pcs



60 giorni 60 days  
60 jours 60 jours

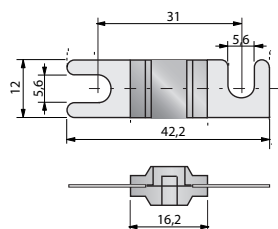


• non omologato  
not approved  
non homologué



## AUTOMOTIVE

Automotive | Automobile



### FUSIBILI FT

FT fuses | Fusibles FT

Fusibili isolati per trazione  
carrelli industriali, elevatori  
ed altre applicazioni  
automotive

**Passo**  
31 mm

**Tensione**  
32 V

Insulated fuses for  
battery powered industrial  
trucks, elevators and other  
automotive appliances

**Fixing centres**  
31 mm

**Voltage**  
32 V

Fusibles isolés pour  
chariots industriels,  
monte-charges et  
autres applications  
automobiles

**Pas**  
31 mm

**Tension**  
32 V



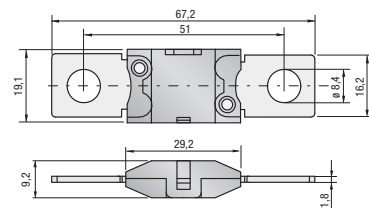
### TEMPI DI FUSIONE | Time current | Temps de fusion

| Corrente nominale In<br>Rated current<br>Courant nominal | Corrente di prova   Test current   Courant d'essai |                          |                         |                          |
|----------------------------------------------------------|----------------------------------------------------|--------------------------|-------------------------|--------------------------|
|                                                          | 1,1xIn                                             | 1,5xIn                   | 2,0xIn                  | 3,0xIn                   |
| 30 A - 200 A                                             | > 4 h                                              | min max<br>90 s - 3600 s | min max<br>55 s - 100 s | min max<br>0,55 s - 15 s |

| Corrente nominale<br>Rated current<br>Courant nominal | Codice<br>Code<br>Code | Colore<br>Colour<br>Couleur |
|-------------------------------------------------------|------------------------|-----------------------------|
| 30 A                                                  | FT 3030                | Orange                      |
| 40 A                                                  | FT 3040                | Green                       |
| 50 A                                                  | FT 3050                | Red                         |
| 60 A                                                  | FT 3060                | Yellow                      |
| 70 A                                                  | FT 3070                | Brown                       |
| 80 A                                                  | FT 3080                | White                       |
| 100 A                                                 | FT 3100                | Blue                        |
| 125 A                                                 | FT 3125                | Pink                        |
| 150 A                                                 | FT 3150                | Grey                        |
| 200 A                                                 | FT 3200                | Purple                      |



portafusibile: vedi articolo FP1010 a pag. 93  
fuseholder: see P/N FP1010 on page 93  
porte-fusible: voir article FP1010 pg. 93



### FUSIBILI FT

FT fuses | Fusibles FT

Fusibili isolati per trazione  
carrelli industriali, elevatori  
ed altre applicazioni  
automotive

**Passo**  
51 mm

**Tensione**  
32 V

Insulated fuses for  
battery powered industrial  
trucks, elevators and other  
automotive appliances

**Fixing centres**  
51 mm

**Voltage**  
32 V

Fusibles isolés pour  
chariots industriels,  
monte-charges et  
autres applications  
automobiles

**Pas**  
51 mm

**Tension**  
32 V



### TEMPI DI FUSIONE | Time current | Temps de fusion

| Corrente nominale In<br>Rated current<br>Courant nominal | Corrente di prova   Test current   Courant d'essai |                          |                         |                          |
|----------------------------------------------------------|----------------------------------------------------|--------------------------|-------------------------|--------------------------|
|                                                          | 1,1xIn                                             | 1,5xIn                   | 2,0xIn                  | 3,0xIn                   |
| 100 A - 250 A                                            | > 4 h                                              | min max<br>90 s - 3600 s | min max<br>55 s - 100 s | min max<br>0,55 s - 15 s |

| Corrente nominale<br>Rated current<br>Courant nominal | Codice<br>Code<br>Code | Colore<br>Colour<br>Couleur |
|-------------------------------------------------------|------------------------|-----------------------------|
| 100 A                                                 | FT 4100                | Yellow                      |
| 125 A                                                 | FT 4125                | Green                       |
| 150 A                                                 | FT 4150                | Orange                      |
| 175 A                                                 | FT 4175                | White                       |
| 200 A                                                 | FT 4200                | Blue                        |
| 225 A                                                 | FT 4225                | Brown                       |
| 250 A                                                 | FT 4250                | Pink                        |



portafusibile: vedi articolo FP1040 a pag. 93  
fuseholder: see P/N FP1040 on page 93  
porte-fusible: voir article FP1040 pg. 93

## PORTAFUSIBILI

Fuseholders | *Porte-fusibles*

| PZ1011 - PZ1013 | Pinze per fusibili auto                                                                                                                                                                 | Automotive fuses clips                                                                                                                                                            | Pinces pour fusibles auto                                                                                                                                                            |                                                                                                                                                                                                   |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>PZ 1011</p>  | <p>Per fusibili auto AL PZ1011</p> <p>Per fusibili auto RL PZ1013</p> <p><b>Corrente/Tensione</b><br/>PZ1011 20A 80V<br/>PZ1013 15A 125V</p> <p><b>Contatti</b><br/>Bronzo stagnato</p> | <p>For AL series fuses PZ1011</p> <p>For RL series fuses PZ1013</p> <p><b>Current/Voltage</b><br/>PZ1011 20A 80V<br/>PZ1013 15A 125V</p> <p><b>Contacts</b><br/>Tinned bronze</p> | <p>Pour fusibles auto AL PZ1011</p> <p>Pour fusibles auto RL PZ1013</p> <p><b>Courant/Tension</b><br/>PZ1011 20A 80V<br/>PZ1013 15A 125V</p> <p><b>Contacts</b><br/>Bronze étamé</p> | <p>PZ 1011</p> <p>PZ 1013</p>                                                                                                                                                                     |
|                 | 1000 pz<br>1000 pcs<br>1000 pces                                                                                                                                                        | pronta<br>in stock<br>en stock                                                                                                                                                    |                                                                                                                                                                                      | a richiesta sono fornibili in Rame Berillio stagnato - 30A<br>they are available in Beryllium Copper tinned - 30A upon request<br>sur demande on peut les fournir en Cuivre beryllium étamé - 30A |

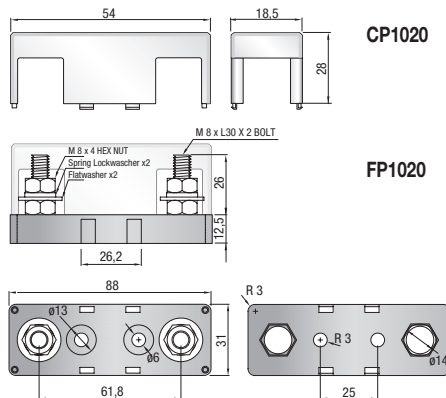
| C1042 | Portafusibile RL                                                                                                                                         | RL fuseholder                                                                                                                                        | Porte-fusible RL                                                                                                                                      |                                                                                                                                                                                                                                           |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | <p><b>Corrente</b><br/>15 A</p> <p><b>Tensione</b><br/>125 V</p> <p><b>Base</b><br/>Termoplastico UL94-V0</p> <p><b>Contatti</b><br/>Bronzo stagnato</p> | <p><b>Current</b><br/>15 A</p> <p><b>Voltage</b><br/>125 V</p> <p><b>Base</b><br/>Thermoplastic UL94-V0</p> <p><b>Contacts</b><br/>Tinned bronze</p> | <p><b>Courant</b><br/>15 A</p> <p><b>Tension</b><br/>125 V</p> <p><b>Base</b><br/>Thermoplastique UL94-V0</p> <p><b>Contacts</b><br/>Bronze étamé</p> |                                                                                                                                                                                                                                           |
|       | 1000 pz<br>1000 pcs<br>1000 pces                                                                                                                         | pronta<br>in stock<br>en stock                                                                                                                       |                                                                                                                                                       | a richiesta sono fornibili con contatti in Rame Berillio stagnato - 30A<br>they are available with contacts in Beryllium Copper tinned - 30A upon request<br>sur demande on peut les fournir avec contact en Cuivre beryllium étamé - 30A |

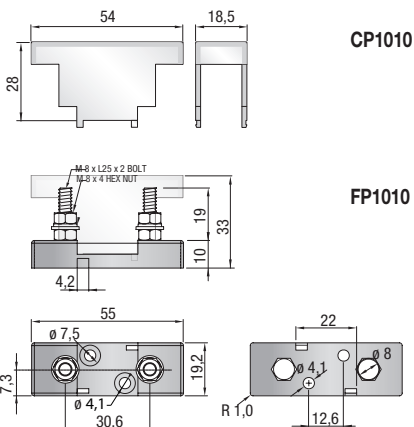
| C1043 | Portafusibile AL                                                                                                                                        | AL fuseholder                                                                                                                                       | Porte-fusible AL                                                                                                                                     |                                                                                                                                                                                                                                           |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | <p><b>Corrente</b><br/>20 A</p> <p><b>Tensione</b><br/>80 V</p> <p><b>Base</b><br/>Termoplastico UL94-V0</p> <p><b>Contatti</b><br/>Bronzo stagnato</p> | <p><b>Current</b><br/>20 A</p> <p><b>Voltage</b><br/>80 V</p> <p><b>Base</b><br/>Thermoplastic UL94-V0</p> <p><b>Contacts</b><br/>Tinned bronze</p> | <p><b>Courant</b><br/>20 A</p> <p><b>Tension</b><br/>80 V</p> <p><b>Base</b><br/>Thermoplastique UL94-V0</p> <p><b>Contacts</b><br/>Bronze étamé</p> |                                                                                                                                                                                                                                           |
|       | 1000 pz<br>1000 pcs<br>1000 pces                                                                                                                        | pronta<br>in stock<br>en stock                                                                                                                      |                                                                                                                                                      | a richiesta sono fornibili con contatti in Rame Berillio stagnato - 30A<br>they are available with contacts in Beryllium Copper tinned - 30A upon request<br>sur demande on peut les fournir avec contact en Cuivre beryllium étamé - 30A |

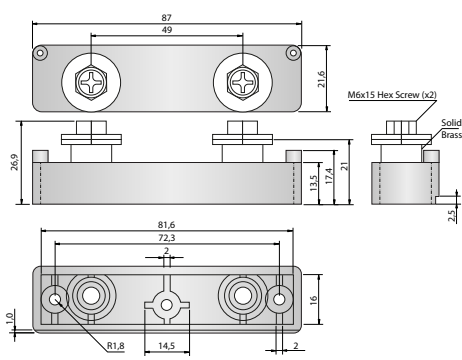
| C1045 | Portafusibile AL                                                                                                                                                      | AL fuseholder                                                                                                                                                    | Porte-fusible AL                                                                                                                                                    |  |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|       | <p><b>Corrente</b><br/>30 A</p> <p><b>Tensione</b><br/>80 V</p> <p><b>Corpo</b><br/>Nylon con fibra di vetro</p> <p><b>Contatti</b><br/>Bronzo fosforoso stagnato</p> | <p><b>Current</b><br/>30 A</p> <p><b>Voltage</b><br/>80 V</p> <p><b>Body</b><br/>Nylon with glass fiber</p> <p><b>Contacts</b><br/>Tinned phosphorous bronze</p> | <p><b>Courant</b><br/>30 A</p> <p><b>Tension</b><br/>80 V</p> <p><b>Corps</b><br/>Nylon avec fibre de verre</p> <p><b>Contacts</b><br/>Bronze phosphoreux étamé</p> |  |
|       | 1000 pz<br>1000 pcs<br>1000 pces                                                                                                                                      | pronta<br>in stock<br>en stock                                                                                                                                   |                                                                                                                                                                     |  |

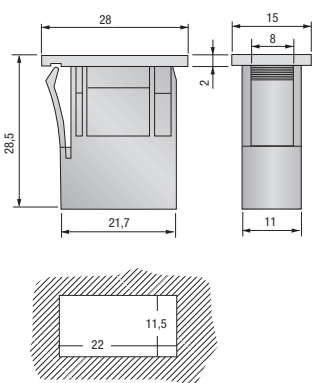
## PORTAFUSIBILI

Fuseholders | *Porte-fusibles*

| FP1020 - CP1020                                                                  | Per fusibili<br>FT1xxx - FT2xxx                                                                                                                                                                              | For FT1xxx - FT2xxx<br>Fuses                                                                                                                                                                         | Pour fusibles<br>FT1xxx - FT2xxx                                                                                                                                                                        |                                                                                                                  |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
|  | <b>FP1020 portafusibile</b><br><b>Corrente</b><br>500 A<br><b>Corpo</b><br>Resina fenolica anti-fiamma<br><b>Contatti</b><br>Acciaio<br><b>CP1020 Coperchio</b><br><b>Materiale</b><br>Policarbonato UL94-V0 | <b>FP1020 fuseholder</b><br><b>Current</b><br>500 A<br><b>Body</b><br>Flame retardant phenolic resin<br><b>Contacts</b><br>Steel<br><b>CP1020 Cover</b><br><b>Materiale</b><br>Polycarbonate UL94-V0 | <b>FP1020 porte-fusible</b><br><b>Courant</b><br>500 A<br><b>Corps</b><br>Résine phénolique anti-flamme<br><b>Contacts</b><br>Acier<br><b>CP1020 Capot</b><br><b>Materiale</b><br>Polycarbonate UL94-V0 |  <p>CP1020</p> <p>FP1020</p>  |
|  |  50 pz<br>50 pcs<br>50 pces                                                                                                 |                                                                                                                                                                                                      |                                                                                                                                                                                                         |  pronta<br>in stock<br>en stock |

| FP1010 - CP1010                                                                    | Per fusibili<br>FT3xxx                                                                                                                                                                                       | For FT3xxx<br>Fuses                                                                                                                                                                                  | Pour fusibles<br>FT3xxx                                                                                                                                                                                 |                                                                                                                    |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|   | <b>FP1010 portafusibile</b><br><b>Corrente</b><br>300 A<br><b>Corpo</b><br>Resina fenolica anti-fiamma<br><b>Contatti</b><br>Acciaio<br><b>CP1010 Coperchio</b><br><b>Materiale</b><br>Policarbonato UL94-V0 | <b>FP1010 fuseholder</b><br><b>Current</b><br>300 A<br><b>Body</b><br>Flame retardant phenolic resin<br><b>Contacts</b><br>Steel<br><b>CP1010 Cover</b><br><b>Materiale</b><br>Polycarbonate UL94-V0 | <b>FP1010 porte-fusible</b><br><b>Courant</b><br>300 A<br><b>Corps</b><br>Résine phénolique anti-flamme<br><b>Contacts</b><br>Acier<br><b>CP1010 Capot</b><br><b>Materiale</b><br>Polycarbonate UL94-V0 |  <p>CP1010</p> <p>FP1010</p>   |
|  |  50 pz<br>50 pcs<br>50 pces                                                                                               |                                                                                                                                                                                                      |                                                                                                                                                                                                         |  pronta<br>in stock<br>en stock |

| FP1040                                                                             | Per fusibili<br>FT4xxx                                                                                                           | For FT4xxx<br>Fuses                                                                                                      | Pour fusibles<br>FT4xxx                                                                                                          |                                                                                                                    |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|  | <b>FP1040 portafusibile</b><br><b>Corrente</b><br>300 A<br><b>Corpo</b><br>Nylon con fibra di vetro<br><b>Contatti</b><br>Ottone | <b>FP1040 fuseholder</b><br><b>Current</b><br>300 A<br><b>Body</b><br>Nylon with glass fiber<br><b>Contacts</b><br>Brass | <b>FP1040 porte-fusible</b><br><b>Courant</b><br>300 A<br><b>Corps</b><br>Nylon avec fibre de verre<br><b>Contacts</b><br>Laiton |                               |
|  |  50 pz<br>50 pcs<br>50 pces                   |                                                                                                                          |                                                                                                                                  |  pronta<br>in stock<br>en stock |

| V1140                                                                               | Portafusibile                                                                                                                                                       | Fuseholder                                                                                                                                                                       | Porte-fusible                                                                                                                                                             |                                                                                                                      |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
|  | <b>40 A 96 V</b><br><b>Da incasso snap-in</b><br><b>per fusibili a lama</b><br><b>Corpo</b><br>Termoplastico<br><b>Contatti</b><br>Ottone stagnato<br>Faston 6,3 mm | <b>40 A 96 V</b><br><b>Insertable snap-in</b><br><b>fuseholder</b><br><b>for blade fuses</b><br><b>Body</b><br>Thermoplastic<br><b>Contacts</b><br>Tinned brass<br>Faston 6,3 mm | <b>40 A 96 V</b><br><b>Fixation à enclenchement</b><br><b>pour fusibles à lame</b><br><b>Corps</b><br>Thermoplastique<br><b>Contacts</b><br>Laiton étamé<br>Faston 6,3 mm |                                 |
|   |  100 pz<br>100 pcs<br>100 pces                                                   |                                                                                                                                                                                  |                                                                                                                                                                           |  60 giorni<br>60 days<br>60 jours |

## PORTAFUSIBILI

Fuseholders | *Porte-fusibles*

### C1040 - C1041



#### Portafusibile

**C1040**  
40 A 80 V  
Portafusibili da circuiti stampati verticale

**C1041**  
40 A 80 V  
Contatti a 90° - orizzontale

**Contatti**  
Ottone stagnato

**Base**  
Termoplastico autoestinguente

#### Fuseholder

**C1040**  
40 A 80 V  
Vertical printed circuit fuseholder

**C1041**  
40 A 80 V  
90° Contacts horizontal

**Contacts**  
Tinned brass

**Base**  
Self-extinguishing thermoplastic

#### Porte-fusible

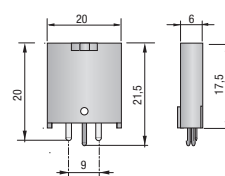
**C1040**  
40 A 80 V  
Porte-fusible vertical pour circuit imprimé

**C1041**  
40 A 80 V  
Contacts horizontaux à 90°

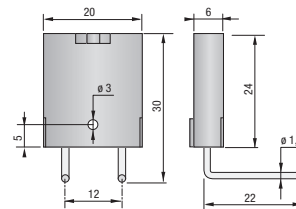
**Contacts**  
Laiton étamé

**Base**  
Thermoplastique auto-extinguible

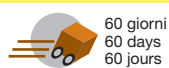
#### C1040



#### C1041

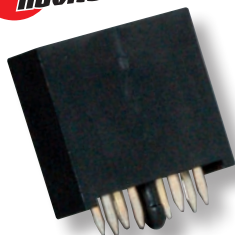


50 pz  
50 pcs  
50 pces



60 giorni  
60 days  
60 jours

### C1044



#### Portafusibile

**30 A 80 V**  
Portafusibili da circuiti stampati verticali 8 pins

**Contatti**  
Rame argentato

#### Fuseholder

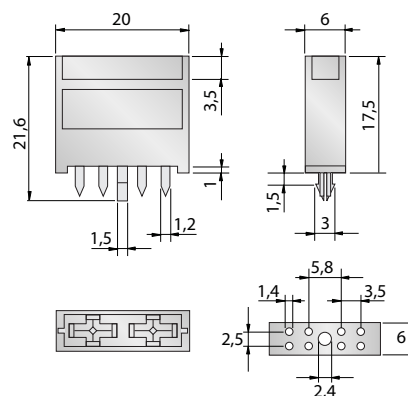
**30 A 80 V**  
Vertical printed circuit fuseholders 8 pins

**Contacts**  
Silver plated copper

#### Porte-fusible

**30 A 80 V**  
Porte-fusibles vertical pour circuit imprimé 8 pins

**Contacts**  
cuivre argenté



50 pz  
50 pcs  
50 pces



pronta in stock  
en stock

### V1180



#### Portafusibile

**40 A 32 V**  
Con cappuccio di protezione trasparente per fusibile a lama

**Corpo**  
Nylon PA 6.6

**Cappuccio di protezione**  
Policarbonato

**Contatti**  
Ottone stagnato  
Faston 6,3 mm

#### Fuseholder

**40 A 32 V**  
With transparent protection cover for blade fuses

**Body**  
Nylon PA 6.6

**Protection cover**  
Polycarbonate

**Contacts**  
Tinned brass  
Faston 6,3 mm

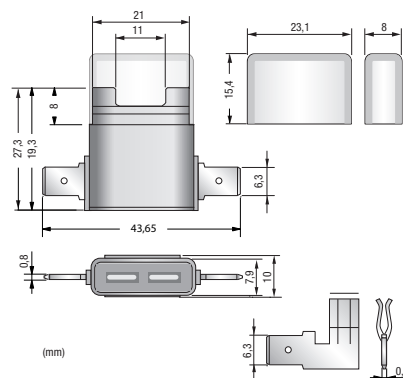
#### Porte-fusible

**40 A 32 V**  
Avec capot de protection transparent pour fusibles à lame

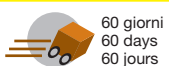
**Corps**  
Nylon PA 6.6

**Capot de protection**  
Polycarbonate

**Contacts**  
Laiton étamé  
Faston 6,3 mm



50 pz  
50 pcs  
50 pces



60 giorni  
60 days  
60 jours

### V1150 - V1131



#### Portafusibile

**V1150**  
40 A 32 V  
Componibile con cappuccio di protezione trasparente

**Corpo**  
Termoplastico

**Contatti**  
Ottone stagnato  
Faston 6,3 mm

**V1131**  
Basetta supporto da fissare al pannello

#### Fuseholder

**V1150**  
40 A 32 V  
Modular fuseholder with transparent protection cover

**Body**  
Thermoplastic

**Contacts**  
Tinned brass  
Faston 6,3 mm

**V1131**  
Fixing plates

#### Porte-fusible

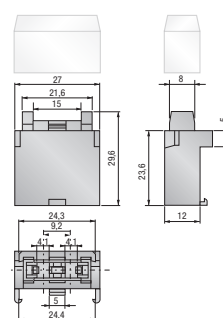
**V1150**  
40 A 32 V  
Porte-fusible avec capot de protection transparent

**Corps**  
Thermoplastique

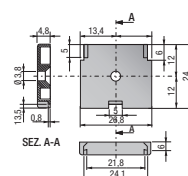
**Contacts**  
Laiton étamé  
Faston 6,3 mm

**V1131**  
Support à fixer sur panneau

#### V1150



#### V1131



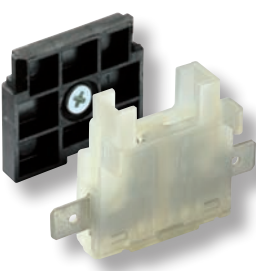
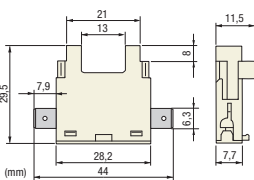
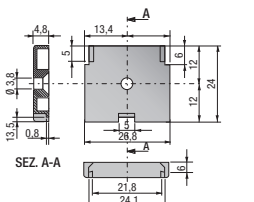
100 pz  
100 pcs  
100 pces

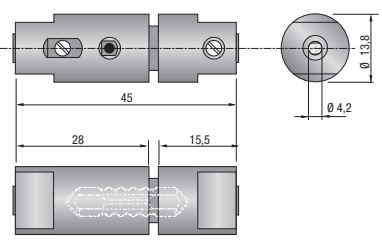


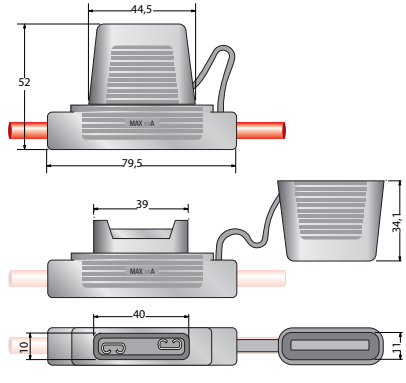
60 giorni  
60 days  
60 jours

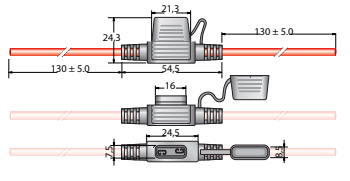
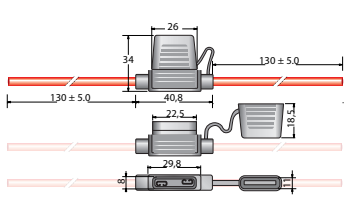
## PORTAFUSIBILI

Fuseholders | Porte-fusibles

| V1130 - V1131                                                                    | Portafusibile                                                                                                                                                                                                                | Fuseholder                                                                                                                                                                                         | Porte-fusible                                                                                                                                                                                                    | V1130                                                                                                                                                                      |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>V1130</b><br><b>40 A 50 V</b><br><b>Componibile per fusibili a lama</b><br><b>Corpo</b><br>Nylon<br><b>Contatti</b><br>Ottone stagnato<br>Faston 6,3 mm<br><b>V1131</b><br><b>Basetta supporto da fissare al pannello</b> | <b>V1130</b><br><b>40 A 50 V</b><br><b>Modular fuseholders for blade fuses</b><br><b>Body</b><br>Nylon<br><b>Contacts</b><br>Tinned brass<br>Faston 6,3 mm<br><b>V1131</b><br><b>Fixing plates</b> | <b>V1130</b><br><b>40 A 50 V</b><br><b>Porte-fusibles pour fusibles à lame</b><br><b>Corps</b><br>Nylon<br><b>Contacts</b><br>Laiton étamé<br>Faston 6,3 mm<br><b>V1131</b><br><b>Support à fixer au panneau</b> | <br> |
|  |                                                                                                                                             | 100 pz<br>100 pcs<br>100 pces                                                                                                                                                                      |                                                                                                                                 | 60 giorni<br>60 days<br>60 jours                                                                                                                                           |

| V1072                                                                              | Portafusibile                                                                                                                               | Fuseholder                                                                                                                            | Porte-fusible                                                                                                                                 |                                                                                      |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|   | <b>8 A 32 V</b><br><b>Per fusibili auto conici</b><br><b>Contatti</b><br>Ottone stagnato<br><b>Corpo</b><br>Bachelite<br>Unione a baionetta | <b>8A 32 V</b><br><b>Fuseholder for tapered fuses</b><br><b>Contacts</b><br>Tinned brass<br><b>Body</b><br>Bakelite<br>Bayonet fixing | <b>8 A 32 V</b><br><b>Four fusibles auto coniques</b><br><b>Contacts</b><br>Laiton étamé<br><b>Corps</b><br>Bakélite<br>Fixation à baïonnette |  |
|  |                                                          | 100 pz<br>100 pcs<br>100 pces                                                                                                         |                                                            | 60 giorni<br>60 days<br>60 jours                                                     |

| V1160                                                                              | Portafusibile                                                                                                                                                                                                                                                                             | Fuseholder                                                                                                                                                                                                                                                                              | Porte-fusible                                                                                                                                                                                                                                                                            |                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | <b>8 A 32 V</b><br><b>Per maxi fusibili</b><br><b>Corpo</b><br>Pvc<br><b>Contatti</b><br>Ottone stagnato<br><b>Resistenza di isolamento</b><br>100 mΩ min<br><b>Resistenza di contatto</b><br>5 mΩ a 1A DC<br><b>Forza dielettrica per 60 s</b><br>AC 3000V min<br><b>Cavo</b><br>UL-8AWG | <b>8A 32 V</b><br><b>Fuseholder for maxi fuses</b><br><b>Body</b><br>Pvc<br><b>Contacts</b><br>Tinned brass<br><b>Insulation resistance</b><br>100 mΩ min<br><b>Contact resistance</b><br>5 mΩ a 1A DC<br><b>Dielectric strenght for 60 s</b><br>AC 3000V min<br><b>Wire</b><br>UL-8AWG | <b>8 A 32 V</b><br><b>Pour maxi fusibles</b><br><b>Corps</b><br>Pvc<br><b>Contacts</b><br>Laiton étamé<br><b>Résistance d'isolation</b><br>100 mΩ min.<br><b>Résistance e contact</b><br>5 mΩ a 1A DC<br><b>Force diélectrique pour 60 s</b><br>AC 3000V min<br><b>Cordon</b><br>UL-8AWG |  |
|  |                                                                                                                                                                                                        | 50 pz<br>50 pcs<br>50 pces                                                                                                                                                                                                                                                              |                                                                                                                                                                                                       | 60 giorni<br>60 days<br>60 jours                                                      |

| V1161 - V1162                                                                      | Portafusibile                                                                                                                                                                                                                                                                                                                                                                                                                       | Fuseholder                                                                                                                                                                                                                                                                                                                                                                                                                     | Porte-fusible                                                                                                                                                                                                                                                                                                                                                                                                                            | V1162                                                                                                                                                                          |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>V1161 30 A 32 V</b><br><b>Per fusibili a lama</b><br><b>V1162 30 A 32 V</b><br><b>Per fusibili mini lama</b><br><b>Corpo</b><br>Pvc<br><b>Contatti</b><br>Ottone stagnato<br><b>Resistenza di isolamento</b><br>100 mΩ min.<br><b>Resistenza di contatto</b><br>5 mΩ a 1A DC<br><b>Forza dielettrica per 60 sec</b><br>V1161 AC 1500V min<br>V1162 AC 1000V min<br><b>Cavo</b><br>UL-12AWG<br><b>Grado di protezione</b><br>IP64 | <b>V1161 30 A 32 V</b><br><b>Fuseholder for blade fuses</b><br><b>V1162 30 A 32 V</b><br><b>Fuseholder for mini blade fuses</b><br><b>Body</b><br>Pvc<br><b>Contacts</b><br>Tinned brass<br><b>Insulation resistance</b><br>100 mΩ min.<br><b>Contact resistance</b><br>5 mΩ a 1A DC<br><b>Dielectric strenght for 60 sec</b><br>V1161 AC 1500V min<br>V1162 AC 1000V min<br><b>Wire</b><br>UL-12AWG<br><b>Sealing</b><br>IP64 | <b>V1161 30 A 32 V</b><br><b>Pour fusibles à lames</b><br><b>V1162 30 A 32 V</b><br><b>Pour mini fusibles à lames</b><br><b>Corps</b><br>Pvc<br><b>Contacts</b><br>Laiton étamé<br><b>Résistance d'isolation</b><br>100 mΩ min.<br><b>Résistance de contact</b><br>5 mΩ a 1A DC<br><b>Force diélectrique pour 60 sec</b><br>V1161 AC 1500V min<br>V1162 AC 1000V min<br><b>Cordon</b><br>UL-12AWG<br><b>Indice de protection</b><br>IP64 | <br> |
|  |                                                                                                                                                                                                                                                                                                                                                  | 50 pz<br>50 pcs<br>50 pces                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                       | 60 giorni<br>60 days<br>60 jours                                                                                                                                               |