# Red Spot fuse holders for BS88 HRC industrial fuses

### Catalog symbol

- RS(amps)(connection style/color)

### Description

Bussmann™ series Red Spot fuse holders are a range of CSA Certified IP20 finger-safe fuse holders for BS88 HRC industrial fuses in rating up to 400A.

### Ratings

- Volts
  - 600 Vac/dc (CSA)
  - 690 Vac (IEC)
- Amps 20, 32, 63, 100, 200 and 400 A
- SCCR 80 kA

### Maximum Operating Temperature: 40°C

Wire type 70°C PVC/Cu

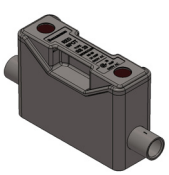
Wire range 8 AWG to 500 kcmil(10 to 240 $mm^2$)

### Agency information

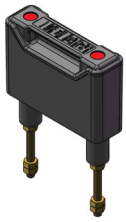
- CSA 22.2 No. 39, Class 6225 01, File 47235
- IEC 60269-1 and IEC 60269-2

### Termination/Connection Styles:

- Front connected (20-400 A)
- Back stud connected (20-400 A)
- Front/back stud connected (20-400 A)
- Back stud connected, flush mounted (20 A)

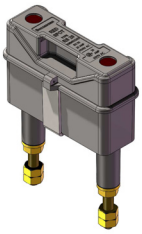


Front connected



Back stud connected

Front/back stud connected



Back stud connected - flush mounted (20 A only)

### Flammability rating

- RS20H to RS63H, V-1
- RS100H to RS400H, V-0

### Protection level IP20

### Available colors

- Black, white, green and grey (available colors vary by amp rating)

### Features

- Industry standard fuse holder for protecting utility and industrial installations
- Large, proven contact system and anti-vibration feature helps ensure perfect carrier contact alignment and superior electrical contact
- Conductor insulating sleeves help prevent inadvertent contact at the entry point while fully shrouded terminals deliver IP20 protection
- Molded parts made from flame-retardant, non-hygroscopic, high dielectric strength phenolic material
- A broad range of accessories and Bussmann series fuses available for all Red Spot fuse holders

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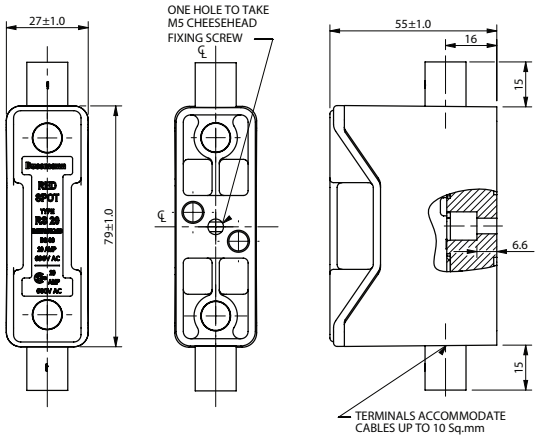
## 20 amp holders

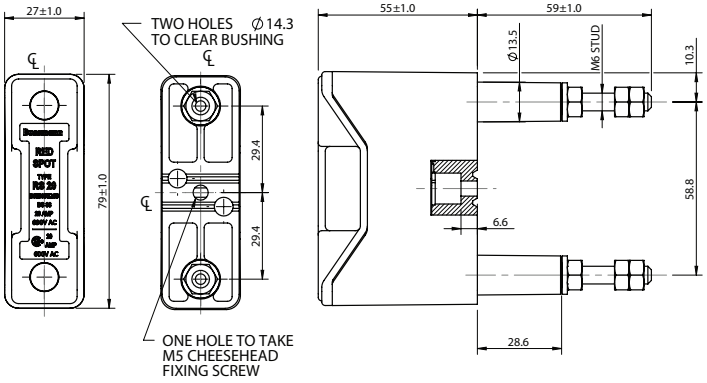
| Catalog no. | Volts IEC Vac | Volts CSA Vac/dc | Conductor AWG (mm²) | Termination/connection styles | Min. torque lb-in (N•m) Conductors | Min. torque lb-in (N•m) Fuse mount screws | Color | Bussmann series fuse family and amp range |
|---|---|---|---|---|---|---|---|---|
| RS20H | 690 | 600 | 8-10 (10-2) | Front connected | 18 (2.03) | 11 (1.24) | Black | _CIF21 (1-20A) |
| RS20HWH | | | | | | | White | |
| RS20HGN | | | | | | | Green | |
| RS20HGY | | | | | | | Grey | |
| RS20P/G | | | † | Back stud connected | † | | Black | |
| RS20P/GWH | | | | | | | White | |
| RS20P/GGN | | | | | | | Green | |
| RS20P/GGY | | | | | | | Grey | |
| RS20PH/G | | | 8-10 (10-2)† | Front/back stud connected | 18 (2.03)† | | Black | |
| RS20F | | | † | Back stud connected, flush mounted | † | | Black | |
| RS20FWH | | | | | | | White | |
| RS20FGN | | | | | | | Green | |
| RS20FGY | | | | | | | Grey | |

† Back stud connection requires use of customer supplied terminal lugs. Minimum/maximum conductor size and torque per terminal lug manufacturer.

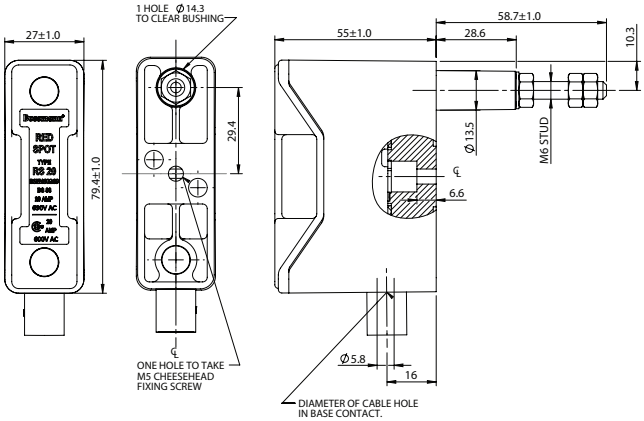
## Dimensions — mm



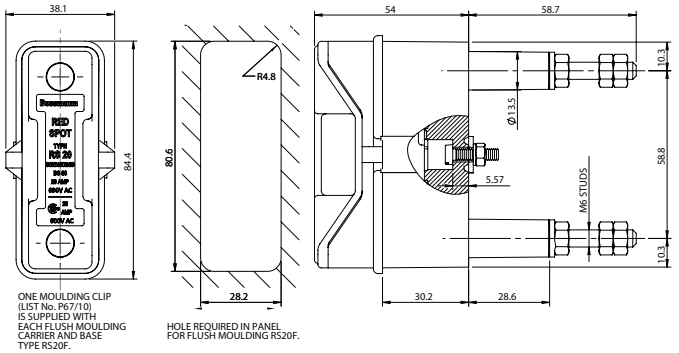

### Front connected




### Back stud connected




### Front/back stud connected




### Back stud connected, flush mounted

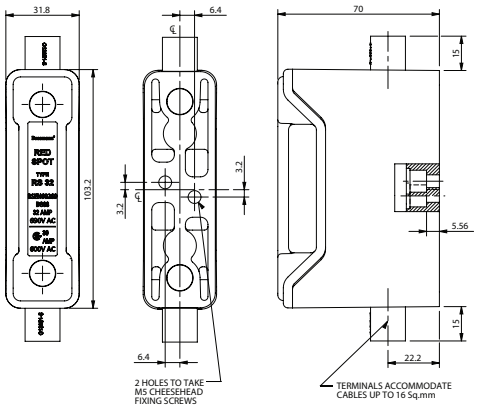
| Accessories | Catalog no. |
|---|---|
| Padlockable inserts | RS20LOCK |
| Red warning carriers | RS20RED |

### 32 amp holders

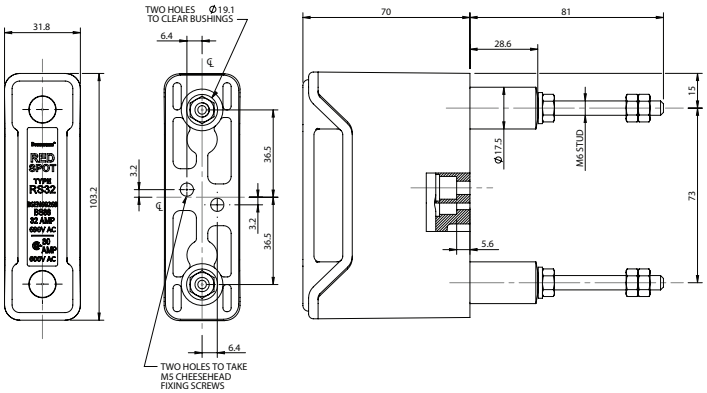
| Catalog no. | Volts IEC Vac | Volts CSA Vac/dc | Conductor AWG (mm²) | Termination/connection styles | Min. torque lb-in (N•m) Conductors | Min. torque lb-in (N•m) Fuse mount screws | Color | Bussmann series fuse family and amp range |
|---|---|---|---|---|---|---|---|---|
| RS32H | 690 | 600 | 6-10 (16-5) | Front connected | 18 (2.03) | 18 (2.03) | Black | _CIH07 (25-30 A)<br>_H07C (25-30 A)<br>CGL-_ (1-30 A) |
| RS32HWH | | | | | | | White | |
| RS32HGN | | | | | | | Green | |
| RS32P | | | † | Back stud connected | † | | Black | |
| RS32PWH | | | | | | | White | |
| RS32PGN | | | | | | | Green | |
| RS32PH | | | 6-10 (16-5)† | Front/back stud connected | 18 (2.03)† | | Black | |

† Back stud connection requires use of customer supplied terminal lugs. Minimum/maximum conductor size and torque per terminal lug manufacturer.

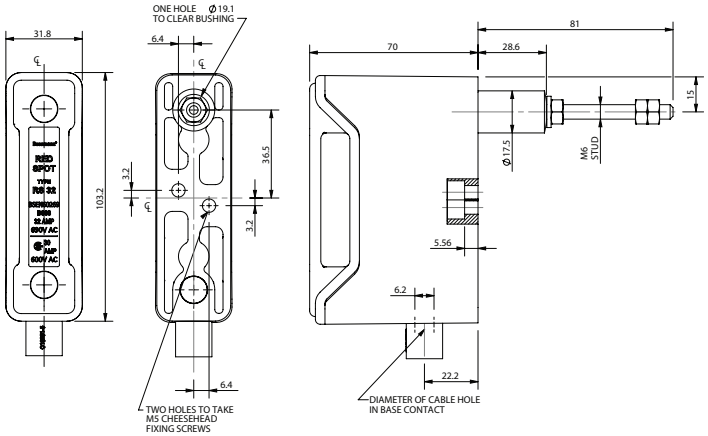
### Dimensions — mm




**Front connected**




**Back stud connected**




**Front/back stud connected**

| Accessories | Catalog no. | Use with GS fuse |
|---|---|---|
| Padlockable inserts | RS32LOCK | — |
| Red warning carriers | RS32RED | — |
| Adaptors for GS fuses* | GRS32-A | GSA 5 to 20 A |

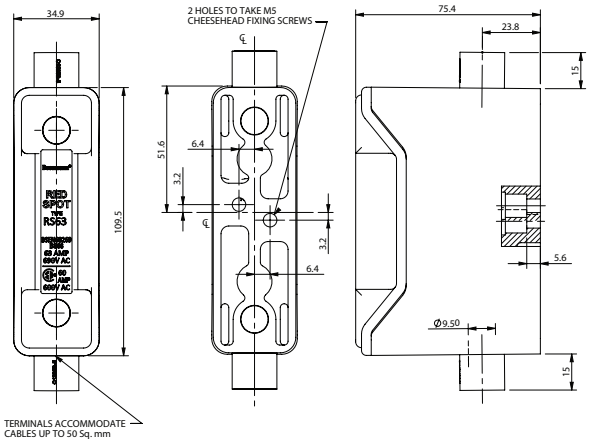
* One kit required per fuse.

## 63 amp holders

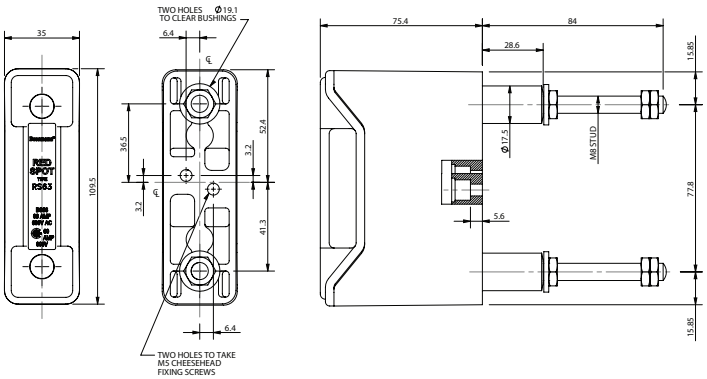
| Catalog no. | Volts IEC Vac | Volts CSA Vac/dc | Conductor AWG (mm²) | Termination/connection styles | Min. torque lb-in (N•m) Conductors | Min. torque lb-in (N•m) Fuse mount screws | Color | Bussmann series fuse family and amp range |
|---|---|---|---|---|---|---|---|---|
| RS63H | 690 | 600 | 1-6 (50-13) | Front connected | 31 (3.50) | 18 (2.03) | Black | _CIK07 (35-60 A)<br>_K07C (40-60 A)<br>CGL-_ (35-60 A) |
| RS63HWH | | | | | | | White | |
| RS63P | | | † | Back stud connected | † | | Black | |
| RS63PWH | | | | | | | White | |
| RS63PH | | | 1-6 (50-13)† | Front/back stud connected | 31 (3.50)† | | Black | |
| RS63PHWH | | | | | | | White | |

† Back stud connection requires use of customer supplied terminal lugs. Minimum/maximum conductor size and torque per terminal lug manufacturer.

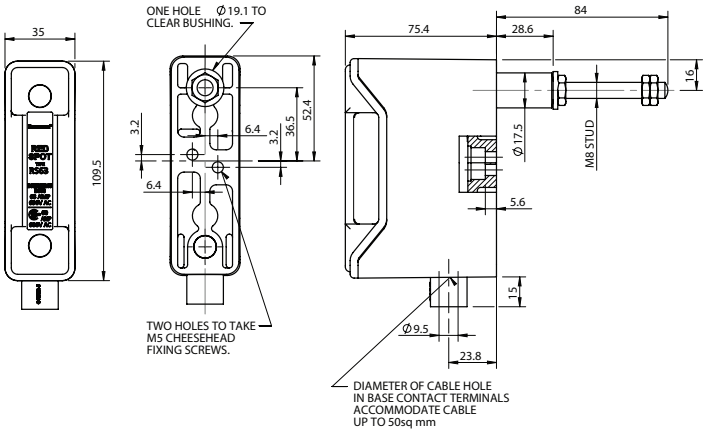
## Dimensions — mm




**Front connected**




**Back stud connected**




**Front/back stud connected**

| Accessories | Catalog no. | Use with GS fuse |
|---|---|---|
| Padlockable Inserts | RS63LOCK | — |
| Red Warning Carriers | RS63RED | — |
| Adaptors for GS Fuses* | GRS63-A | GSA 25 to 50A |

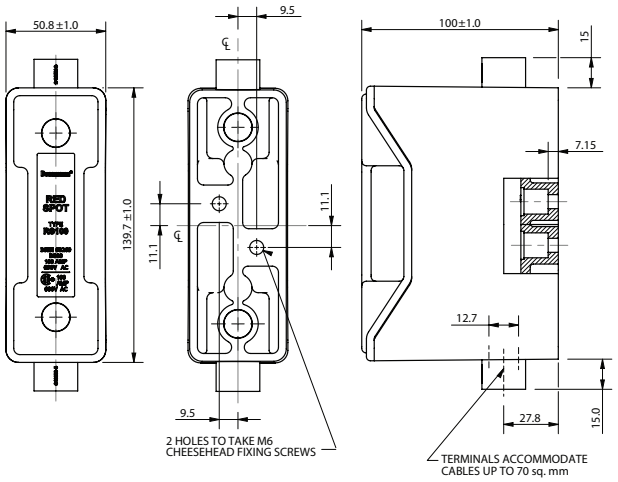
* One kit required per fuse.

### 100 amp holders

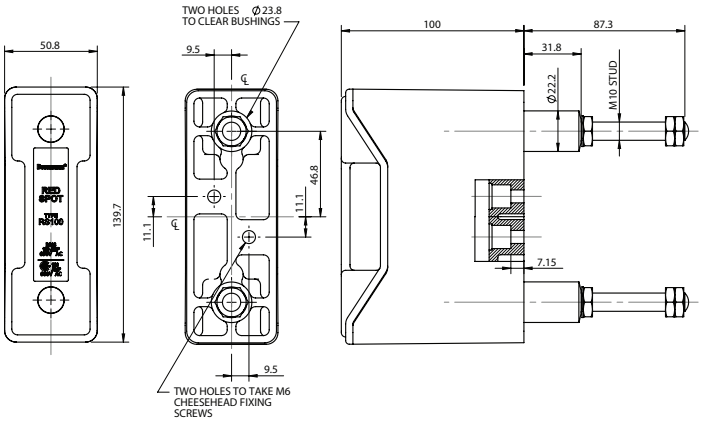
| Catalog no. | Volts IEC Vac | Volts CSA Vac/dc | Conductor AWG (mm²) | Termination/connection styles | Min. torque lb-in (N•m) Conductors | Min. torque lb-in (N•m) Fuse mount screws | Color | Bussmann series fuse family and amp range |
|---|---|---|---|---|---|---|---|---|
| RS100H | 690 | 600 | 3/0-4 (70-21) | Front connected | 35 (3.95) | 22 (2.50) | Black | _CIL14 (80-100 A)<br>_L14C (80-100 A)<br>CGL-_ (70-100 A) |
| RS100HWH | | | | | | | White | |
| RS100P | | | † | Back stud connected | †† | | Black | |
| RS100PWH | | | | | | | White | |
| RS100PH | | | 3/0-4 (70-21)† | Front/back stud connected | 35 (3.95)† | | Black | |

† Back stud connection requires use of customer supplied terminal lugs. Minimum/maximum conductor size and torque per terminal lug manufacturer.

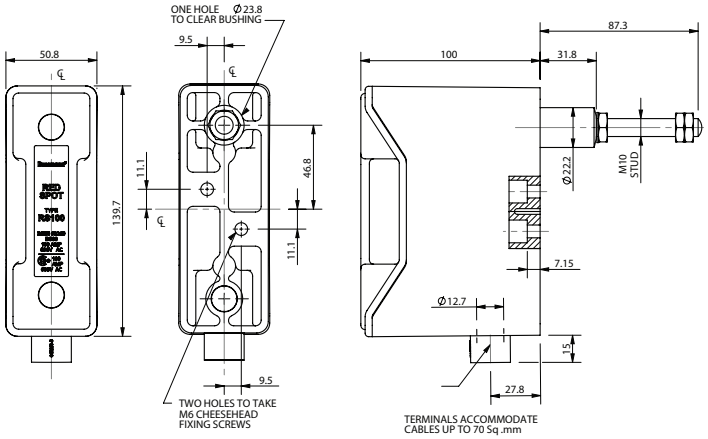
### Dimensions — mm




**Front connected**




**Back stud connected**




**Front/back stud connected**

| Accessories | Catalog no. | For Bussmann series fuses |
|---|---|---|
| Padlockable inserts | RS100LOCK | — |
| Red warning carriers | RS100RED | — |
| Fuse adaptor kits* | P5372-10 | _CIH07 (25-30A)<br>_CIK07 (35-60A) |

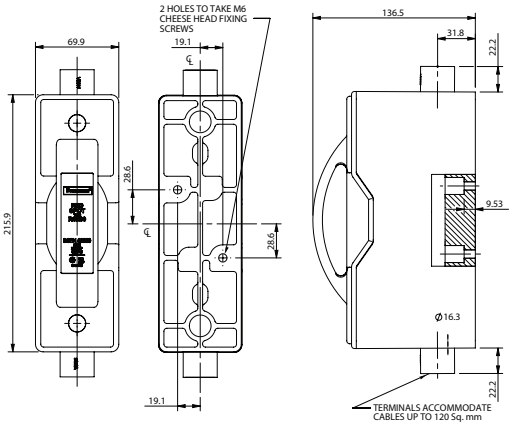
* One kit required per fuse.

### 200 amp holders

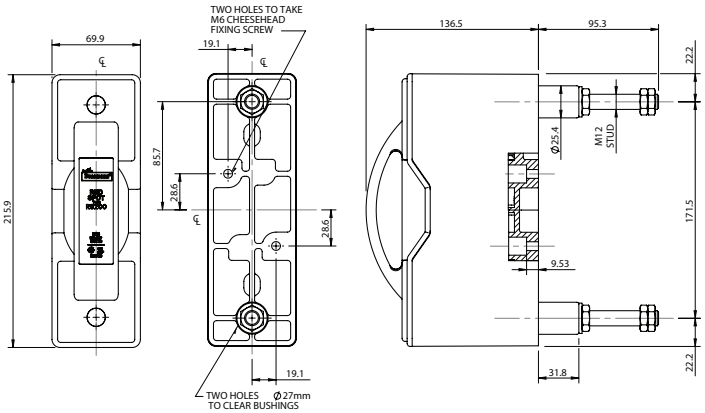
| Catalog no. | Volts IEC Vac | Volts CSA Vac/dc | Conductor AWG (mm²) | Termination/connection styles | Min. torque lb-in (N•m) Conductors | Min. torque lb-in (N•m) Fuse mount screws | Color | Bussmann series fuse family and amp range |
|---|---|---|---|---|---|---|---|---|
| RS200H | 690 | 600 | 250 kcmil-2/0 (120-67) | Front connected | 222 (25.08) | 22 (2.50) | Black | _M09C (125-200 A) CGL-_ (110-200 A) |
| RS200HWH | | | | | | | White | |
| RS200P | | | † | Back stud connected | † | | Black | |
| RS200PWH | | | | | | | White | |
| RS200PH | | | 250 kcmil-2/0 (120-67)† | Front/back stud connected | 222 (25.08)† | | Black | |

† Back stud connection requires use of customer supplied terminal lugs. Minimum/maximum conductor size and torque per terminal lug manufacturer.

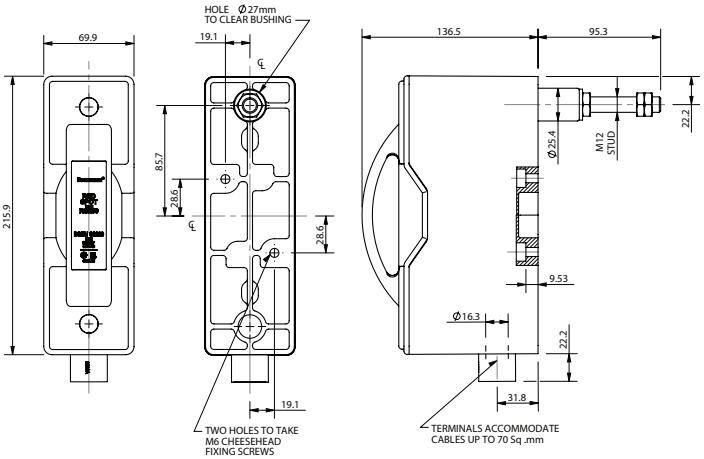
### Dimensions — mm




**Front connected**




**Back stud connected**



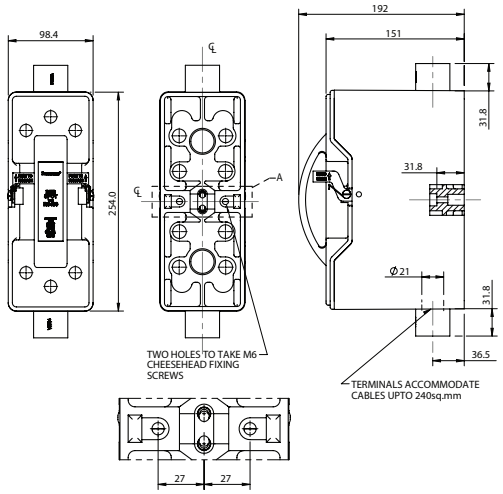

**Front/back stud connected**

### 400 amp holders

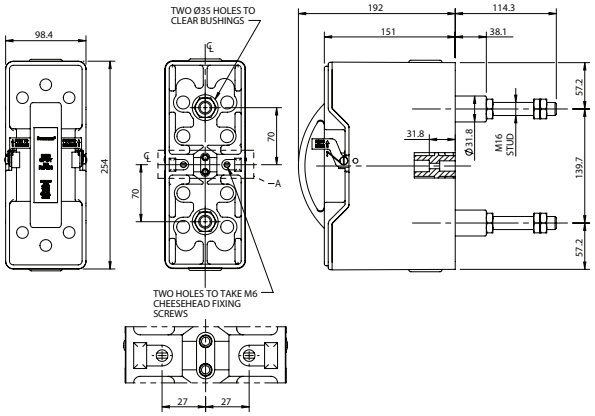
| Catalog no. | Volts IEC Vac | Volts CSA Vac/dc | Conductor AWG (mm²) | Termination/connection styles | Min. torque lb-in (N•m) Conductors | Min. torque lb-in (N•m) Fuse mount screws | Color | Bussmann series fuse family and amp range |
|---|---|---|---|---|---|---|---|---|
| RS400 | 690 | 600 | 500-250 kcmil (240-127) | Front connected | 222 (25.08) | 53 (6.00) | Black | _P11C (250-400A) CGL-_ (225-400A) |
| RS400P | | | † | Back stud connected | † | | | |
| RS400PH | | | 500-250 kcmil (240-127)† | Front/back stud connected | 222 (25.08)† | | | |

† Back stud connection requires use of customer supplied terminal lugs. Minimum/maximum conductor size and torque per terminal lug manufacturer.

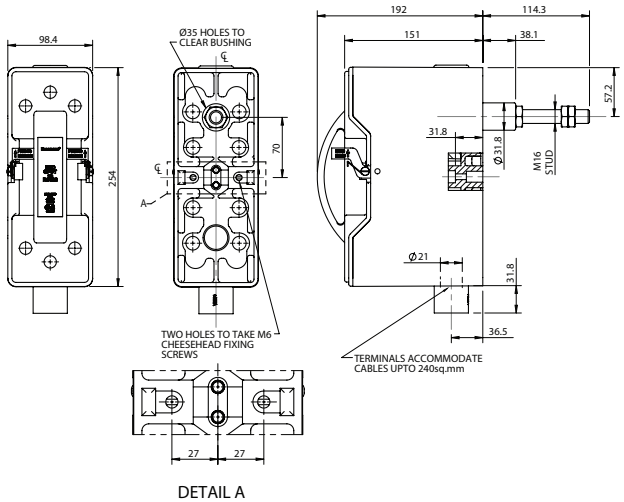
### Dimensions — mm




**Front connected**




**Back stud connected**




**Front/back stud connected**

| Accessories | Catalog no. | For Bussmann series fuse |
|---|---|---|
| Adaptors for Bussmann series fuses* | TCA2 | _M09C (125-200A) |

* One kit required per fuse.

# Red Spot fuse holders for BS88 HRC industrial fuses

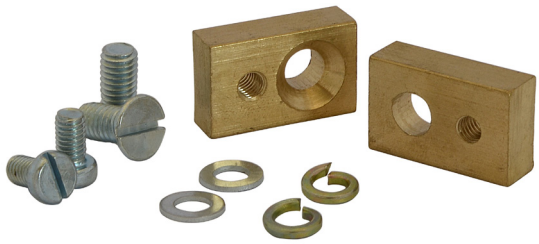
## Red Spot holder accessories

### Padlockable inserts

Padlockable Insert fits into fuse holder and accepts small padlock.

| Fuse holder | Catalog no. |
|---|---|
| RS20 | RS20LOCK |
| RS32 | RS32LOCK |
| RS63 | RS63LOCK |
| RS100 | RS100LOCK |

### Fuse adaptor kits



Fuse adaptors mount on the fuse carrier to accept a smaller dimensioned fuse.

| Fuse holder | Catalog no.* | Use with Bussmann series fuse |
|---|---|---|
| RS100 | P5372-10 | _CIH07 (25-30A)<br>_CIK07 (35-60A) |
| RS400 | TCA2 | _MC09C (125-200A) |

* One kit required per fuse.

### Red warning carriers

Red warning carriers replaces the regular fuse carrier and cannot hold a fuse.

| Fuse Holder | Catalog no. |
|---|---|
| RS20 | RS20RED |
| RS32 | RS32RED |
| RS63 | RS63RED |
| RS100 | RS100RED |

### Adaptors for GS fuses

Adaptors for GS fuses mount on the fuse carrier to accept a smaller dimensioned fuse. Includes label to indicate use of GS fuse.

| Fuse holder | Catalog no.** | Use with GS fuse |
|---|---|---|
| RS32 | GRS32-A | GSA 5 to 20A |
| RS63 | GRS63-A | GSA 25 to 50A |

* One kit required per fuse.

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