

# Red Spot fuse holders for BS88 HRC industrial fuses



### 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)



### 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<sup>2</sup>)

### Agency information

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

### 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

20 amp holders

| Catalog no. | Volts   |            | Conductor AWG (mm <sup>2</sup> ) | Termination/connection styles      | Min. torque lb-in (N·m) |                   | Color | Bussmann series fuse family and amp range |
|-------------|---------|------------|----------------------------------|------------------------------------|-------------------------|-------------------|-------|-------------------------------------------|
|             | IEC Vac | CSA Vac/dc |                                  |                                    | Conductors              | Fuse mount screws |       |                                           |
| RS20H       |         |            |                                  |                                    |                         |                   | Black |                                           |
| RS20HWH     |         |            |                                  |                                    |                         |                   | White |                                           |
| RS20HGN     |         |            | 8-10 (10-2)                      | Front connected                    | 18 (2.03)               |                   | Green |                                           |
| RS20HGY     |         |            |                                  |                                    |                         |                   | Grey  |                                           |
| RS20P/G     |         |            |                                  |                                    |                         |                   | Black |                                           |
| RS20P/GWH   |         |            | †                                | Back stud connected                | †                       |                   | White |                                           |
| RS20P/GGN   | 690     | 600        |                                  |                                    |                         | 11 (1.24)         | Green | _CIF21 (1-20A)                            |
| RS20P/GGY   |         |            |                                  |                                    |                         |                   | Grey  |                                           |
| RS20PH/G    |         |            | 8-10 (10-2)†                     | Front/back stud connected          | 18 (2.03)†              |                   | Black |                                           |
| RS20F       |         |            |                                  |                                    |                         |                   | Black |                                           |
| RS20FWH     |         |            |                                  |                                    |                         |                   | White |                                           |
| RS20FGN     |         |            | †                                | Back stud connected, flush mounted | †                       |                   | 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   |            | Conductor AWG (mm <sup>2</sup> ) | Termination/connection styles | Min. torque lb-in (N·m) |                   | Color | Bussmann series fuse family and amp range            |
|-------------|---------|------------|----------------------------------|-------------------------------|-------------------------|-------------------|-------|------------------------------------------------------|
|             | IEC Vac | CSA Vac/dc |                                  |                               | Conductors              | Fuse mount screws |       |                                                      |
| RS32H       |         |            |                                  |                               |                         |                   | Black |                                                      |
| RS32HWH     |         |            | 6-10 (16-5)                      | Front connected               | 18 (2.03)               |                   | White |                                                      |
| RS32HGN     |         |            |                                  |                               |                         |                   | Green |                                                      |
| RS32P       | 690     | 600        |                                  |                               |                         | 18 (2.03)         | Black | _CIH07 (25-30 A)<br>_H07C (25-30 A)<br>CGL_ (1-30 A) |
| RS32PWH     |         |            | †                                | Back stud connected           | †                       |                   | 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   |            | Conductor AWG (mm <sup>2</sup> ) | Termination/connection styles | Min. torque lb-in (N·m) |                   | Color | Bussmann series fuse family and amp range |
|-------------|---------|------------|----------------------------------|-------------------------------|-------------------------|-------------------|-------|-------------------------------------------|
|             | IEC Vac | CSA Vac/dc |                                  |                               | Conductors              | Fuse mount screws |       |                                           |
| RS63H       |         |            | 1-6 (50-13)                      | Front connected               | 31 (3.50)               |                   | Black |                                           |
| RS63HWH     |         |            |                                  |                               |                         |                   | White |                                           |
| RS63P       | 690     | 600        | †                                | Back stud connected           | †                       | 18 (2.03)         | Black | _CIK07 (35-60 A)                          |
| RS63PWH     |         |            |                                  |                               |                         |                   | White | _K07C (40-60 A)<br>CGL-_ (35-60 A)        |
| 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



TERMINALS ACCOMMODATE CABLES UP TO 50 Sq. 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   |            | Conductor AWG (mm <sup>2</sup> ) | Termination/connection styles | Min. torque lb-in (N·m) |                   | Color | Bussmann series fuse family and amp range                |
|-------------|---------|------------|----------------------------------|-------------------------------|-------------------------|-------------------|-------|----------------------------------------------------------|
|             | IEC Vac | CSA Vac/dc |                                  |                               | Conductors              | Fuse mount screws |       |                                                          |
| RS100H      |         |            | 3/0-4 (70-21)                    | Front connected               | 35 (3.95)               |                   | Black |                                                          |
| RS100HWH    |         |            |                                  |                               |                         |                   | White |                                                          |
| RS100P      | 690     | 600        | †                                | Back stud connected           | ††                      | 22 (2.50)         | Black | _CIL14 (80-100 A)<br>_L14C (80-100 A)<br>CGL_ (70-100 A) |
| 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   |            | Conductor AWG (mm <sup>2</sup> ) | Termination/connection styles | Min. torque lb-in (N·m) |                   | Color | Bussmann series fuse family and amp range |
|-------------|---------|------------|----------------------------------|-------------------------------|-------------------------|-------------------|-------|-------------------------------------------|
|             | IEC Vac | CSA Vac/dc |                                  |                               | Conductors              | Fuse mount screws |       |                                           |
| RS200H      |         |            | 250 kcmil-2/0 (120-67)           | Front connected               | 222 (25.08)             |                   | Black | _M09C (125-200 A)<br>CGL_ (110-200 A)     |
| RS200HWH    |         |            |                                  |                               |                         | White             |       |                                           |
| RS200P      | 690     | 600        | †                                | Back stud connected           | †                       | 22 (2.50)         | 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   |            | Conductor AWG (mm <sup>2</sup> ) | Termination/connection styles | Min. torque lb-in (N·m) |                   | Color | Bussmann series fuse family and amp range |
|-------------|---------|------------|----------------------------------|-------------------------------|-------------------------|-------------------|-------|-------------------------------------------|
|             | IEC Vac | CSA Vac/dc |                                  |                               | Conductors              | Fuse mount screws |       |                                           |
| RS400       |         |            | 500-250 kcmil (240-127)          | Front connected               | 222 (25.08)             |                   |       |                                           |
| RS400P      | 690     | 600        | †                                | Back stud connected           | †                       | 53 (6.00)         | Black | _P11C (250-400A)<br>CGL_ (225-400A)       |
| 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 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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