

# 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     |         |            | †                                | Back stud connected, flush mounted | †                       |                   | 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   |            | 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)                          |
| RS32PWH     |         |            | †                                | Back stud connected           | †                       |                   | White | _H07C (25-30 A)                           |
| RS32PGN     |         |            |                                  |                               |                         |                   | Green | CGL_ (1-30 A)                             |
| 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)                           |
| RS63PH      |         |            | 1-6 (50-13)†                     | Front/back stud connected     | 31 (3.50)†              |                   | Black | CGL-_ (35-60 A)                           |
| 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 |   |
| RS200HWH    |         |            |                                  |                               |                         |                   |       |   |
| RS200P      | 690     | 600        | †                                | Back stud connected           | †                       | 22 (2.50)         | Black | _M09C (125-200 A)<br>CGL_ (110-200 A)     |
| RS200PWH    |         |            |                                  |                               |                         |                   |       |   |
| 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**

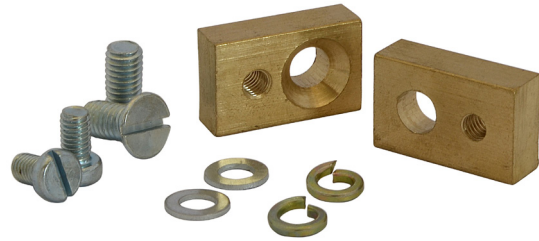
**Padlockable inserts**



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.

The only controlled copy of this data sheet is the electronic read-only version located on the Eaton network drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Eaton reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Eaton also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.

**Eaton**  
1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
Eaton.com

Bussmann Division  
114 Old State Road  
Ellisville, MO 63021  
United States  
Eaton.com/bussmannseries

© 2018 Eaton  
All Rights Reserved  
Printed in USA  
Publication No. 10083 - BU-MC13988  
August 2018

Eaton, Bussmann, Quik-Spec and CUBEFuse are valuable trademarks of Eaton in the U.S. and other countries. You are not permitted to use the Eaton trademarks without prior written consent of Eaton.

CSA is a registered trademark of the Canadian Standards Group.  
NEC is a registered trademark of the National Fire Protection Association, Inc.  
UL is a registered trademark of the Underwriters Laboratories, Inc.

For Eaton's Bussmann series product information, call 1-855-287-7626 or visit: [Eaton.com/bussmannseries](http://Eaton.com/bussmannseries)

Follow us on social media to get the latest product and support information.





Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)