

# 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) _L14C (80-100 A) 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) _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						White		
RS200P	690	600	†	Back stud connected	†	22 (2.50)	Black	_M09C (125-200 A) CGL_ (110-200 A)
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



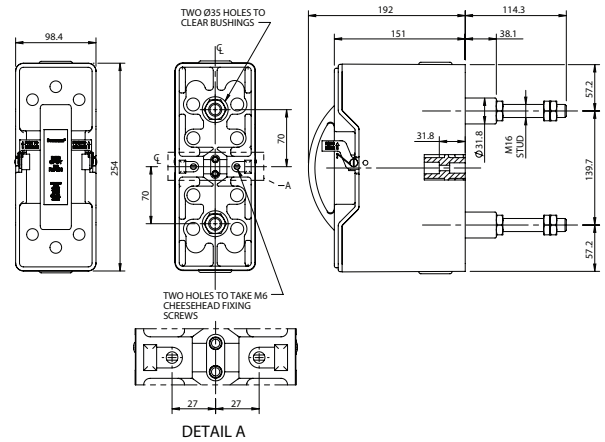
Front/back stud connected

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) 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) _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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