

Finger-safe fuse holders enhance electrical safety



The finger-safe Bussmann series Red Spot fuse holders isolate live electrical parts while protecting circuits up to 690 volts and 400 amps.

Product description:

A mainstay of electrical protection, Eaton's Bussmann™ series Red Spot fuse holders have been protecting utility and industrial installations for over 40 years.

These IP20 finger-safe fuse holders are CSA® Certified and accept a variety of BS88 HRC fuses in ratings up to 400 amps to meet specific circuit protection requirements.

Red Spot fuse holders are available with a variety of terminations and connection styles, and accessories that make them easily applied to a wide spectrum of applications where electrical safety is a major concern.

Features and benefits:

- CSA Certified to meet agency requirement for installations up to 600V and 400A.
- IP20 finger-safe construction enhances electrical safety.
- Available black, white, green and grey versions permit color-coding circuits.
- Large electrical contact area and anti-vibration feature help ensure fuse carrier alignment and secure electrical contact.
- Flame-retardant, non-hygroscopic, high dielectric strength molded phenolic parts withstand harsh environments.

Accessories:



Padlockable inserts fit into fuse holders and accept a small padlock to permit lockout/tagout during maintenance procedures.



Red warning carriers do not hold fuses and are used to replace regular fuse carriers for added safety when circuits are de-energized.



Fuse adaptor kits permit mounting smaller physical size fuses onto the fuse carriers of larger Red Spot fuse holders when lower amp rating protection is desired.

Powering Business Worldwide

Specifications

Ratings

- Volts
  - 600 Vac/dc (CSA)
  - 690 Vac (IEC)
- Amps
  - 20, 32, 63,100, 200, and 400
- SCCR
  - 80kA
- Maximum operating temperature
  - 40°C
- Wire type
  - 70°C PVC/Cu
- Wire range
  - 8AWG to 500kcmil (10 to 240mm²)
- Termination/connection styles
  - See table below

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(colors vary by ampacity, see table below)

Red Spot fuse holders and available Bussmann series fuse families

Catalog number	Rated amps	Volts IEC Vac	Volts CSA Vac/dc	Max-min conductor size AWG (mm²)	Termination/ connection styles	Min. Torque Lb-In (N•m) Conductors	Min. Torque Lb-In (N•m) Fuse mount screws	Holder color	Accepts Bussmann series fuses and amp range
RS20H	20	690	600	8-10 (10-2)	Front connected	18 (2.03)	11 (1.24)	Black	
RS20HWH	20	690	600	8-10 (10-2)	Front connected	18 (2.03)	11 (1.24)	White	
RS20HGN	20	690	600	8-10 (10-2)	Front connected	18 (2.03)	11 (1.24)	Green	
RS20HGY	20	690	600	8-10 (10-2)	Front connected	18 (2.03)	11 (1.24)	Grey	
RS20P/G	20	690	600	†	Back stud connected	†	11 (1.24)	Black	
RS20P/GWH	20	690	600	†	Back stud connected	†	11 (1.24)	White	
RS20P/GGN	20	690	600	†	Back stud connected	†	11 (1.24)	Green	_CIF21 (1-20A)
RS20P/GGY	20	690	600	†	Back stud connected	†	11 (1.24)	Grey	
RS20PH/G	20	690	600	8-10 (10-2)†	Front/back stud connected	18 (2.03)†	11 (1.24)	Black	
RS20F	20	690	600	†	Back stud connected, flush mounted	†	11 (1.24)	Black	
RS20FWH	20	690	600	†	Back stud connected, flush mounted	†	11 (1.24)	White	
RS20FGN	20	690	600	†	Back stud connected, flush mounted	†	11 (1.24)	Green	
RS20FGY	20	690	600	†	Back stud connected, flush mounted	†	11 (1.24)	Grey	
RS32H	32	690	600	6-10 (16-5)	Front connected	18 (2.03)	18 (2.03)	Black	
RS32HWH	32	690	600	6-10 (16-5)	Front connected	18 (2.03)	18 (2.03)	White	
RES32HGN	32	690	600	6-10 (16-5)	Front connected	18 (2.03)	18 (2.03)	Green	_CIH07 (25-30A)
RS32P	32	690	600	†	Back stud connected	†	18 (2.03)	Black	_H07C (25-30A)
RS32PWH	32	690	600	†	Back stud connected	†	18 (2.03)	White	CGL-_ (1-30A)
RS32PGN	32	690	600	†	Back stud connected	†	18 (2.03)	Green	
RS32PH	32	690	600	6-10 (16-5)†	Front/back stud connected	18 (2.03)†	18 (2.03)	Black	
RS63H	63	690	600	1-6 (50-13)	Front connected	31 (3.50)	18 (2.03)	Black	
RS63HWH	63	690	600	1-6 (50-13)	Front connected	31 (3.50)	18 (2.03)	White	
RS63P	63	690	600	†	Back stud connected	†	22 (2.5)	Black	_CIK07 (35-60A)
RS63PWH	63	690	600	†	Back stud connected	†	22 (2.5)	White	_K07C (40-60A)
RS63PH	63	690	600	1-6 (50-13)†	Front/back stud connected	31 (3.50)†	22 (2.5)	Black	CGL-_ (35-60A)
RS63PHWH	63	690	600	1-6 (50-13)†	Front/back stud connected	31 (3.50)†	22 (2.5)	White	
RS100H	100	660	600	3/0-4 (70-21)	Front connected	35 (3.95)	22 (2.5)	Black	
RS100HWH	100	660	600	3/0-4 (70-21)	Front connected	35 (3.95)	22 (2.5)	White	_CIL14 (80-100A)
RS100P	100	660	600	†	Back stud connected	†	22 (2.5)	Black	_L14C (80-100A)
RS100PWH	100	660	600	†	Back stud connected	†	22 (2.5)	White	CGL-_ (70-100A)
RS100PH	100	660	600	3/0-4 (70-21)†	Front/back stud connected	35 (3.95)†	22 (2.5)	Black	
RS200H	200	690	600	250kcmil-2/0 (120-67)	Front connected	222 (25.08)	22 (2.5)	Black	
RS200HWH	200	690	600	250kcmil-2/0 (120-67)	Front connected	222 (25.08)	22 (2.5)	White	
RS200P	200	690	600	†	Back stud connected	†	22 (2.5)	Black	_M09C (125-200A)
RS200PWH	200	690	600	†	Back stud connected	†	22 (2.5)	White	CGL-_ (110-200A)
RS200PH	200	690	600	250kcmil-2/0 (120-67)†	Front/back stud connected	222 (25.08)†	22 (2.5)	Black	
RS400	400	660	600	500-250kcmil (240-127)	Front connected	222 (25.08)	53 (6)	Black	
RS400P	400	660	600	†	Back stud connected	†	53 (6)	Black	_P11C (250-400A)
RS400PH	400	660	600	500-250kcmil (240-127)†	Front/back stud connected	222 (25.08)†	53 (6)	Black	CGL-_ (225-400A)

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

Accessories ††	RS20	RS32	RS63	RS100	RS200	RS400
Padlockable inserts	RS20LOCK	RS32LOCK	RS63LOCK	RS100LOCK	—	—
Red warning carriers	RS20RED	RS32RED	RS63RED	RS100RED	—	—
Fuse adaptor kits†††	—	—	—	P5372-10	—	TCA2
Adaptors for GS fuses†††	—	GRS32-A	GRS63-A	—	—	—

†† See data sheet 10083 for details.
††† One kit required per fuse.

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