Effective August 2018 Supersedes April 2015

# BUSSMANN SERIES

# Red Spot fuse holders for BS88 HRC industrial fuses



# **Catalog symbol**

RS(amps)(connection style/color)

#### Description

Bussmann<sup>™</sup> 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



#### 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)











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, nonhygroscopic, high dielectric strength phenolic material
- A broad range of accessories and Bussmann series fuses available for all Red Spot fuse holders

# Technical Data 10083

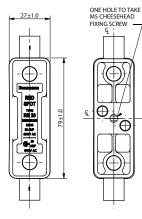
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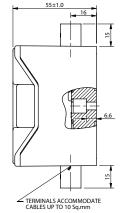
# 20 amp holders

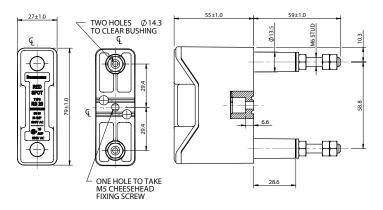
	Volts		_		Min. torque	lb-in (N∙m)		Bussmann
Catalog no.	IEC Vac	CSA Vac/dc	Conductor AWG (mm <sup>2</sup> )	Termination/connection styles	Conductors	Fuse mount screws	Color	series fuse family and amp range
RS20H							Black	
RS20HWH	-		0.10 (10.0)		10 (2.02)		White	-
RS20HGN	-		8-10 (10-2)	Front connected	18 (2.03)		Green	
RS20HGY	-						Grey	-
RS20P/G	-						Black	-
RS20P/GWH	-		+	Back stud connected	†	11 (1.24)	White	
RS20P/GGN	690	600	I				Green	
RS20P/GGY	-						Grey	-
RS20PH/G	-		8-10 (10-2)†	Front/back stud connected	18 (2.03)†		Black	-
RS20F	-						Black	-
RS20FWH	-		+		+		White	-
RS20FGN	-		Т	Back stud connected, flush mounted	T		Green	-
RS20FGY	-						Grey	-

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

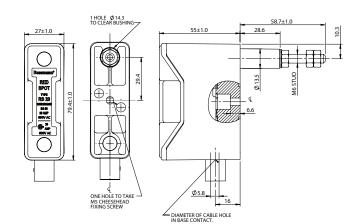
# Dimensions - mm





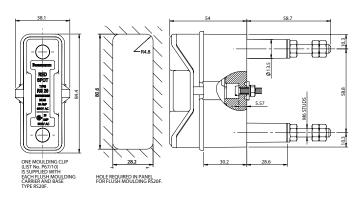


#### Front connected



Front/back stud connected

Back stud connected



Back stud connected, flush mounted

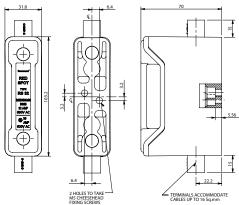
Accessories	Catalog no.
Padlockable inserts	RS20LOCK
Red warning carriers	RS20RED

# 32 amp holders

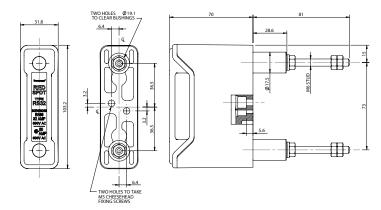
	Volts				Min. torque lb	-in (N∙m)		Bussmann series
Catalog no.	IEC Vac	CSA Vac/dc	Conductor AWG (mm <sup>2</sup> )	Termination/connection styles	Conductors	Fuse mount screws	Color	fuse family and amp range
RS32H							Black	
RS32HWH			6-10 (16-5)	Front connected	18 (2.03)	-	White	_
RS32HGN						-	Green	– – CIH07 (25-30 A)
RS32P	690	600				18 (2.03)	Black	_H07C (25-30 A)
RS32PWH			+	Back stud connected	+	-	White	- CGL (1-30 A)
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.

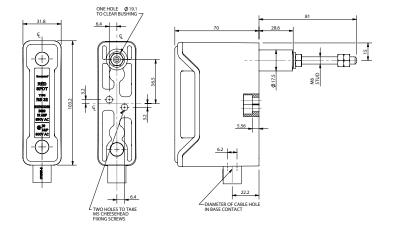
Dimensions - mm



Front connected



**Back stud connected** 



Front/back stud connected

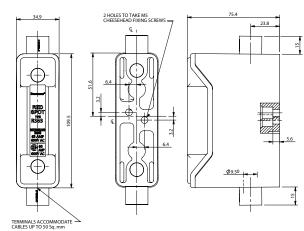
Accessories	Catalog no.	Use with GS fuse
Padlockable inserts	RS32LOCK	—
Red warning carriers	RS32RED	—
Adaptors for GS fuses*	GRS32-A	GSA 5 to 20 A

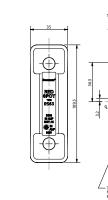
# 63 amp holders

Volts				Min. torque lb	-in (N•m)		Bussmann series	
Catalog no.	IEC Vac	CSA Vac/dc	Conductor AWG (mm <sup>2</sup> )	Termination/connection styles	Conductors	Fuse mount screws	Color	fuse family and amp range
RS63H			1-6 (50-13)	Front connected	21 (2 50)		Black	—  CIK07 (35-60 A) K07C (40-60 A) CGL (35-60 A)
RS63HWH	-				31 (3.50)		White	
RS63P	-	<u> </u>			†	10 (2.02)	Black	
RS63PWH	- 690	600	I	Back stud connected		18 (2.03)	White	
RS63PH	-		1.0.(50.10)+	Front/back stud connected			Black	_
RS63PHWH	-		1-6 (50-13)† Fror		31 (3.50)†		White	-

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

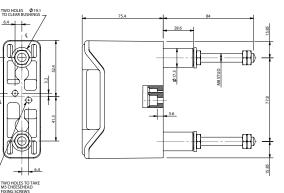
Dimensions - mm



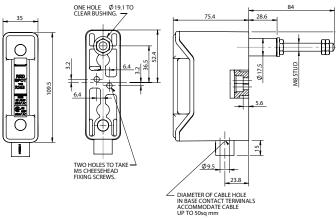


16

**Back stud connected** 



Front connected



Front/back stud connected

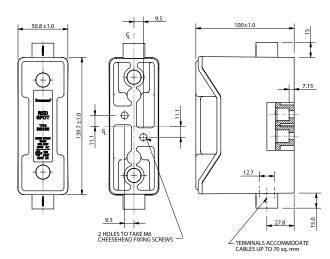
Accessories	Catalog no.	Use with GS fuse
Padlockable Inserts	RS63LOCK	—
Red Warning Carriers	RS63RED	—
Adaptors for GS Fuses*	GRS63-A	GSA 25 to 50A

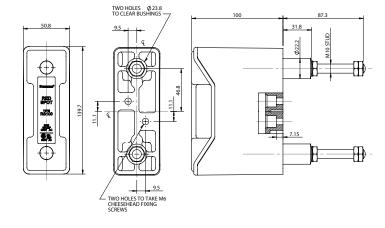
# 100 amp holders

	Volts				Min. torque lb	-in (N•m)		Bussmann series
Catalog no.	IEC Vac	CSA Vac/dc	Conductor AWG (mm <sup>2</sup> )	Termination/connection styles	Conductors	Fuse mount screws	Color	fuse family and amp range
RS100H			2/0 4 /70 21)	Front connected	2E (2.0E)		Black	
RS100HWH	_		3/0-4 (70-21)	Front connected	35 (3.95)	-	White	– – CIL14 (80-100 A)
RS100P	690	600	+	Back stud connected	++	22 (2.50)	Black	_L14C (80-100 A)
RS100PWH	_		I	Back stud connected	<u>+</u> +	-	White	- CGL (70-100 A)
RS100PH	_		3/0-4 (70-21)†	Front/back stud connected	35 (3.95)†		Black	_

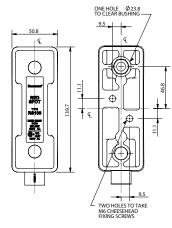
+ Back stud connection requires use of customer supplied terminal lugs. Minimum/maximum conductor size and torque per terminal lug manufacturer.

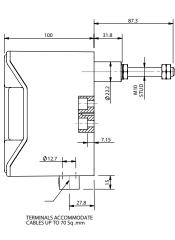
## Dimensions - mm





#### Front connected





## Back stud connected

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)

Front/back stud connected

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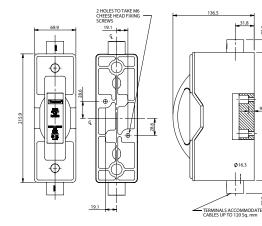
# 200 amp holders

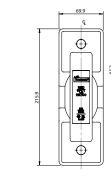
	Volts				Min. torque	lb-in (N∙m)		Bussmann series
Catalog no.	IEC Vac	CSA Vac/dc	Conductor AWG (mm²)	Termination/connection styles	Conductors	Fuse mount screws	Color	fuse family and amp range
RS200H			250 kemil 2/0 (120 67)	Front connected	222 (25 00)		Black	
RS200HWH			250 kcmil-2/0 (120-67)	Front connected	222 (25.08)	-	White	- M09C (125-200 A) _ CGL- (110-200 A)
RS200P	690	600	+			22 (2.50)	Black	
RS200PWH			Ι	Back stud connected	I	-	White	
RS200PH			250 kcmil-2/0 (120-67)†	Front/back stud connected	222 (25.08)†	· -	Black	-

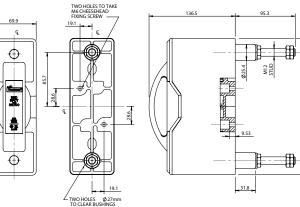
+ Back stud connection requires use of customer supplied terminal lugs. Minimum/maximum conductor size and torque per terminal lug manufacturer.

0.53

### Dimensions - mm

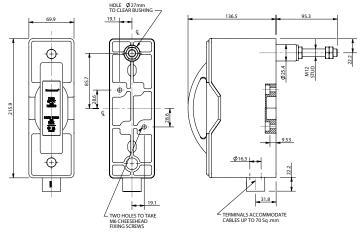






Front connected

Back stud connected



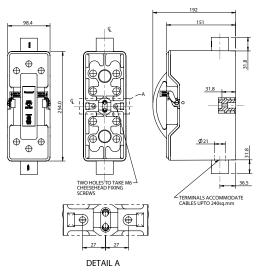
Front/back stud connected

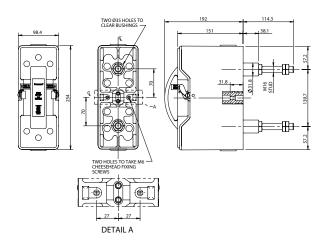
# 400 amp holders

	Volts				Min. torque	b-in (N•m)		Bussmann series
Catalog no.	IEC Vac	CSA Vac/dc	Conductor AWG (mm <sup>2</sup> )	Termination/connection styles	Conductors	Fuse mount screws	Color	fuse family and amp range
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)†			

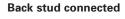
† Back stud connection requires use of customer supplied terminal lugs. Minimum/maximum conductor size and torque per terminal lug manufacturer.

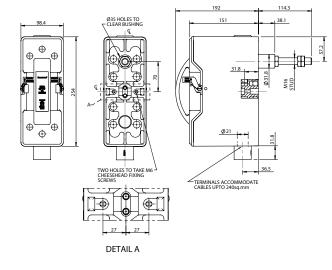
#### Dimensions - mm





#### Front connected





Front/back stud connected

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

# Technical Data 100038801 Effective August 2018

# **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.

Catalog no.*	Use with Bussmann series fuse
P5372-10	_CIH07 (25-30A) _CIK07 (35-60A)
TCA2	_MC09C (125-200A)

\* One kit required per fuse.

### Red warning carriers

Powerina Business Worldwide



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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