



TEL (915) 590-8500
FAX (915) 590-8510

Reference Files Used:

- 51010xls rev 42P
- 500446 rev 8P
- 500444 rev 4P
- 500443 rev 13P
- 500445 rev 2P
- 500440 rev 4P

7.44"

4.63"

.75"

3.70"

COOPER Crouse-Hinds

Cat. No. WSRD33542SMS901 Non-Fusible Heavy Duty Safety Switch Type VB II
30 Amps Maximum 600 Volts AC (V~) Maximum 250 Volts DC (V=) Maximum
(Cat. No. less receptacle WSRD33542SMS) Watertight Stainless Steel
Type 4 / 4X

Horsepower Ratings

	240 VAC ¹ 1Ø	240 VAC 3Ø	480 VAC ¹ 1Ø	480 VAC 3Ø	600 VAC ¹ 1Ø	600 VAC 3Ø	250 VDC ¹
Max. HP	5	10	7 1/2	20	10	30	5

Fuse and Short Circuit Information

This switch is suitable for use on a circuit capable of delivering not more than 200,000 amperes, RMS symmetrical, 600 volts maximum when protected by class J, R or T fuses rated 30 amperes maximum.

Danger – Unless Type NEB or NGB circuit breakers or Class J, R or T fuses are used to protect this switch, it may present a risk of fire and injury to persons if installed on circuits capable of delivering more than 10,000 amperes, RMS symmetrical.

This switch is suitable for use on a circuit capable of delivering not more than 10,000 amperes, RMS symmetrical, 600 volts maximum, when protected by Class K fuses, Class H fuses or a UL Listed Circuit Breaker rated for 10,000 amperes, RMS symmetrical, 600 volts maximum.

This switch is suitable for use on a circuit capable of delivering not more than 18,000 amperes, rms symmetrical up to 480 VAC, when protected by Type NEB or NGB circuit breakers rated 30 amperes maximum.

This switch is suitable for use on a circuit capable of delivering not more than 10,000 amperes, 250 volts DC maximum, when protected by fuses marked with an interrupting rating of 10,000 amperes, 250 volts DC.

Danger – Unless fuses marked for an interrupting rating of 10,000 amperes at 250 volts DC are used to protect this switch, this switch may present a risk of fire and injury to persons if installed on circuits capable of delivering more than 10,000 amperes.

⚠ DANGER

Hazardous voltage. Will cause death or serious injury.

- Disconnect and lock out power supplying this switch before working on this switch.
- Turn off switch before removing or installing fuses if so equipped.
- Always use a properly rated voltage sensing device on all fuse clips (Fusible) or all load side terminals (Non-Fusible) to confirm switch is off.
- Close or replace cover before turning power on.

Terminal & Wire Information USE 60°C / 75°C COPPER OR ALUMINUM WIRE

Description	Wire Range	Wire Tightening Torque ⁵	Lug Mounting Torque ⁵
Line, Load & Main Neutral	(1) 14-6 AWG (2) 14-10 AWG	35 lb-ins. 14-10 AWG / 40 lb-ins. 8 AWG 45 lb-ins. 6-4 AWG	24 lb-ins.
Service Ground	14-4 AWG	35 lb-ins. 14-10 AWG / 40 lb-ins. 8 AWG 45 lb-ins. 6-4 AWG	24 lb-ins.

Inspection record number:

Accessories

Aux. Switch (1NO - 1NC)	Aux. Switch (2NO - 2NC)	Hub Kits
HA161234CCH	HA261234CCH	SSH075 (3/4") SSH100 (1")

¹ Use outer two poles.

⁵ When tightening or replacing connectors, refer to lug mounting torque in Terminal & Wire Information Table.

COOPER Crouse-Hinds
Syracuse, NY 13221
Assembled in Mexico

Pc. No. 500172AS05
0202

R .125"
X4

COMPANY NAME	MATERIAL	SIZE	JOB WILL NOT BE PRINTED UNLESS APPROVED BY CUSTOMER.	
SIEMENS INDUSTRY/MTR	Synthetic Paper	WIDTH 4.63"	<input type="checkbox"/> OK TO PRINT AS IS	<input type="checkbox"/> MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF
THIS DOCUMENT IS THE PROPERTY OF LABELTECH, INC. IT'S USE IS AUTHORIZED ONLY FOR RESPONDING TO A REQUEST FOR QUOTATION OR FOR THE PERFORMANCE OF WORK REQUESTED FROM LABELTECH, INC. ALL QUESTIONS MUST BE REFERRED TO THE LABELTECH, INC. PRODUCTION DEPARTMENT.	INK COLORS	LENGTH 7.44"	<input type="checkbox"/> OK TO PRINT WITH CORRECTIONS AS MARKED	
	BLACK 185 RED	CORNER RADIUS 1.25"	AUTHORIZED BY	DATE
			PART NO. 500172AS05 A7B91501321523	SECOND LABEL PART NO. 500317AF01
			DESCRIPTION: Interior Label	
			REVISION LEVEL 42P	
			DESIGNER	Joel Ortega
			CHECKED BY	
			DATE	01/30/13