



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

No changes were made on these Part Number. The revision level was changed to 42P.

4.63"

**SIEMENS**

Cat. No. HF361S      **Fusible Heavy Duty Safety Switch**      Type VB II  
30 Amps Maximum      600 Volts AC (V~) Maximum      250 Volts DC (V-) Maximum  
Type 4 / 4X      **Watertight Stainless Steel**

Horsepower Ratings	240 VAC <sup>1</sup> 1Ø	240 VAC 3Ø	480 VAC <sup>1</sup> 1Ø	480 VAC 3Ø	600 VAC <sup>1</sup> 1Ø	600 VAC 3Ø	250 VDC <sup>2</sup>
Std. HP (Std. Fuse) <sup>4</sup>	1½	3	3	5	3	7½	—
Max. HP (Time Delay)	3	7½	7½	15	10	20	—

Continuous load current not to exceed 80% of the rating of fuses employed in other than motor circuits.

Suitable for use as Safety Equipment when with factory installed ground fault interrupter on 3 phase, 4 wire systems or where used with 12 neutral grounded phase, 3 wire systems, 4 wire systems.

**Fuse and Short Circuit Information**

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

When used with Class R fuses and Class R fuse clip kit HR612 properly installed, this switch is suitable for use on a circuit capable of delivering not more than 200,000 amperes, RMS symmetrical, 600 volts maximum.

When used with Class J fuses with the load base relocated to the "J" position, this switch is suitable for use on a circuit capable of delivering not more than 200,000 amperes, RMS symmetrical, 600 volts maximum.

**Danger** - Unless class R or J fuses are used, this switch may present a risk of fire or injury to persons if installed on circuits capable of delivering more than 10,000 amperes, RMS symmetrical.

When used with fuses marked with DC ratings, this switch is suitable for use on a circuit capable of delivering not more than the DC interrupting rating marked on the fuse, at the DC voltage rating marked on the fuse, up to a maximum of 10,000 amperes, 250 volts.

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

Renewable link fuses are not recommended.

**HAZARD - 600 Volts**  
**Will cause 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 properly rated voltage sensing device to verify that the clips (Fusible) or all terminals (Non-Fusible) are firm and switch is off. Replace cover before turning power on.

**Terminal & Wire Information**      **USE 60°C (150°C) COPPER OR ALUMINUM WIRE**

Description	Wire Range	Wire Tightening Torque <sup>5</sup>	Lug Mounting Torque <sup>5</sup>
Line & Main	14-4 AWG (14-4 AWG)	14-10 AWG / 40 lb-ins. 8 AWG 45 lb-ins. 6-4 AWG	24 lb-ins.
Secondary Ground	4-4 AWG	14-10 AWG / 40 lb-ins. 8 AWG 45 lb-ins. 6-4 AWG	24 lb-ins.

Inspection record number:

**UL Listed Compression Lugs for use to manufacturer's instructions for installation<sup>6</sup>**

Wire Size (AWG / mmil)	Burr-free	Thomas & Betts		Ilco	
		Cu / Al	Cu Only	Cu Only	Cu / Al
14-4	Only			60096 60097	
8	MSC-L Box A8C-L1 Box		54104 54130	60101 60102 61102	CRA-8 ACL - 8 ACN - 8
				61107	

**Accessories**

Aux. Switch (1NO - 1NC)	HA161234	Neutral	HN612	Class R Fuse Kit (Rejects Class H & K Fuses)	HR612
Aux. Switch (2NO - 2NC)	HA261234	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234	Wire Grip Kit (CU)	HLC612
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Isolated Ground Lug Kit	HG261234	Hub Kits	SSH075 (3/4") SSH100 (1")
Compression Lug Neutral Barrier Kit	HCL612	Fuse Puller (3 per kit)	HP61	Shield Kit	HSK621SSW

**Replacement Parts**

Line Base	HFB612	Wire Grip Kit (AL)	HL612	Handle / Handle Guard	HH6123S
Load Base	HBB612	Mechanism	HM6123S	Door	HF361SDOOR

Protected by one or more of the following US Patents: 5,914,460, 6,134,979, 6,356,460, 5,945,650, 5,990,439.

- Use outer two poles.
- The starting current of motors more than the standard horsepower or kilowatt ratings may require the use of fuses with appropriate time delay characteristics.
- When tightening or replacing connectors, refer to lug mounting torque in Terminal & Wire Information Table.
- If compression lugs are used for the neutral, order compression lug neutral barrier kit HCL612.

For questions on this device please call 1-800-241-4453      <http://www.usa.siemens.com/powerdistribution>

Siemens Industry, Inc.  
Norcross, GA 30092 USA  
Assembled in Mexico

Pc. No. 500172N06  
1103

R .125"  
X4

COMPANY NAME	MATERIAL	SIZE	JOB WILL NOT BE PRINTED UNLESS APPROVED BY CUSTOMER.		PART NO. 500172N06
SIEMENS INDUSTRY/MTR	Synthetic Paper	WIDTH 4.63"	<input type="checkbox"/> OK TO PRINT AS IS	<input type="checkbox"/> MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF	A7B91503120654
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.	<b>INK COLORS</b>	LENGTH 8.50"	<input type="checkbox"/> OK TO PRINT WITH CORRECTIONS AS MARKED		DESCRIPTION: <b>Interior Label</b>
	BLACK 185 RED	CORNER RADIUS .125"	<b>AUTHORIZED BY</b>		<b>REVISION LEVEL 42P</b>
			<b>DATE</b>		DESIGNER Joel Ortega
				CHECKED BY	DATE 02/21/13