



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

Reference Files Used:

- 51010xls rev 39P
- 500446 rev 8P
- 500444 rev 4P
- 500443 rev 13P
- 500445 rev 2P
- 500440 rev 4P

12.00"

6.25"

1.81"

4.44"

SIEMENS

Cat. No. HF363NR **Fusible Heavy Duty Safety Switch** **Type VB II**
100 Amps Maximum **600 Volts AC(V~) Maximum** **600¹¹ Volts DC(V=) Maximum**
Type 3R **Rainproof** **Suitable for use as Service Equipment**

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	600 ¹¹ VDC ¹
Std. HP (Std. Fuse) ⁴	7½	15	10	25	15	30	20	40
Max. HP (Time Delay)	15	30	30	60	40	75	—	50

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



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, RMS 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 **HR63** 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 Fuse" position marked on the enclosure 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 T fuses and Class T fuse adaptor kit **HT63** 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.
Danger – Unless class R, J or T fuses 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, 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, 600¹¹ volts DC.
Danger – Unless fuses marked for an interrupting rating of 10,000 amperes at 600¹¹ 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.

⚠ 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 75°C COPPER OR ALUMINIUM WIRE**

Description	Wire Range	Wire Tightening Torque ⁵	Lug Mounting Torque ⁵
Line, Load & Main Neutral	14-1/0 AWG	35 lb-ins. 14-10 AWG / 40 lb-ins. 8 AWG 45 lb-ins. 6-4 AWG / 50 lb-ins. 3-1/0 AWG	80 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.



UL Listed Compression Lugs (Refer to manufacturers instructions for proper installation)⁶

Wire Size (AWG OR kcmil)	Burdny		Thomas & Betts		IlSCO	
	Cu Only	Cu/Al	Cu Only	Cu/Al	Cu Only	Cu/Al
6	YA6C-L Box YA6C	YA6CA1	54105 54905BE	61107 60107	CRB-6 CRB-6L	ACL-6
4	YA4C-L Box YA4C	YA4CA1	54106 54906BE	61112 60112	CRB-4 CRB-4L	ACL-4
2	YA2C-L2 Box YA2C	YA2CA5	54107	61116	CRA-2 CRB-2L	ACL-2
1	YA1C-L2 YA1C		54108 54947BE	61122	CRB-1-14 CRA-1L	
1/0				61130		

Inspection record number:

Accessories

Aux. Switch (1NO - 1NC)	HA161234	200% Neutral	HN263	Class R Fuse Kit (Rejects Class H & K Fuses)	HR63
Aux. Switch (2NO - 2NC)	HA261234	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234	Class T Fuse Kit	HT63
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Isolated Ground Lug Kit	HG261234	Hub Kits ECHS125/HS125 (1 1/4") ECHS150/HS150 (1 1/2") ECHS200/HS200 (2")	
Compression Lug Neutral Barrier Kit	HCL623	Fuse Puller Kit (3 per kit)	HP63	Wire Grip Kit (CU)	HLC63
Neutral	HN623	Shield Kit	HSK63SSW		

Replacement Parts

Line Base	HFB63	Wire Grip Kit (AL)	HL63	Handle / Handle Guard	HH6123
Load Base	HBB63	Mechanism	HM6123	Door	HF363NRDOOR

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

- ¹ Use outer two poles.
- ⁴ The starting current of motors more than the standard horsepower or kilowatt ratings may require the use of fuses with appropriate time delay characteristics.
- ⁵ When tightening or replacing connectors, refer to lug mounting torque in Terminal & Wire Information Table.
- ⁶ If compression lugs are used for the neutral, order compression lug neutral barrier kit **HCL623**.
- ¹¹ 600 VDC ratings apply when wired per cover wiring diagram.

For questions on this device please call 1-800-241-4453

Siemens Industry, Inc.
Norcross, GA 30092 USA
<http://www.usa.siemens.com/powerdistribution>
Assembled in Mexico

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R .125"
X4

COMPANY NAME

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MATERIAL

SYNTHETIC PAPER

INK COLORS

BLACK 185 RED

SIZE

WIDTH

6.25"

LENGTH

12.00"

ROUND CORNER RADIUS

.125"

OK TO PRINT AS IS

MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF

OK TO PRINT WITH CORRECTIONS AS MARKED

PART NO.

504034K06

DESCRIPTION:

Label

AUTHORIZED BY

DATE

REVISION LEVEL 39P

DESIGNER **Joel Ortega**

CHECKED BY

DATE **04/109/12**