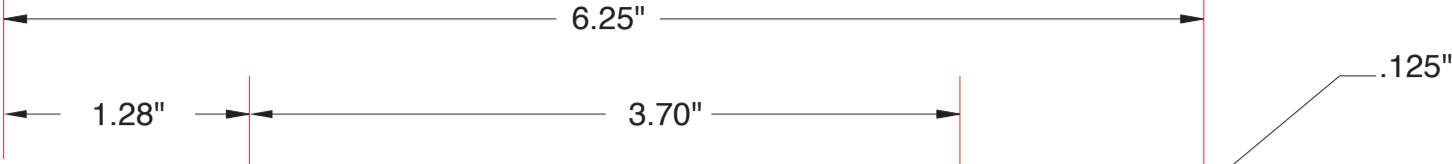




TEL (915) 590-8500
FAX (915) 590-8510



SIEMENS

Cat. No. HF363JW **Fusible Heavy Duty Safety Switch** **Type VB II**
100 Amps Maximum **600 Volts AC (V~) Maximum** **600¹¹ Volts DC (V=) Maximum**
NEMA Type 3R/3S/12/13 **Dust-Tight** **For 3R / 3S service, remove drain plug from enclosure bottom and tilt 1/2 to 1 degree towards drain.**

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.
Horsepower ratings listed above are suitable for use with High Efficiency motors.
Suitable for use as Service Equipment when used with factory installed ground bar on 3 phase, 3 wire systems or when used with **HN623** neutral kit on 1 phase, 3 wire or 3 phase, 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, 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. 14-10AWG / 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. 14-10AWG / 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	Neutral	HN623	Class R Fuse Kit (Rejects Class H & K Fuses)	HR63
Aux. Switch (2NO - 2NC)	HA261234	200% Neutral	HN263	Class T Fuse Kit	HT63
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Ground Lug Kit (Wire Range 14-4AWG)	HG61234	Fuse Puller Kit (3 per kit)	HP63
Compression Lug Neutral Barrier Kit	HCL623	Isolated Ground Lug Kit	HG261234	Hub Kits	SSH150 (1 1/2") SSH200 (2")
Hub Gasket Kit		Wire Grip Kit (CU)	HLC63	Compression Lug Mounting Kit	

Replacement Parts

Line Base	HFB63	Wire Grip Kit (AL)	HL63	Handle / Handle Guard	HH6123
Load Base	HBB63	Mechanism	HM6123	Door	HF363JWDOOR

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.

- 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 1-800-241-3138

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

Pc. No. 504094C04
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COMPANY NAME

SIEMENS E&A

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MATERIAL

Synthetic Paper

INK COLORS

BLACK 185 RED

SIZE

WIDTH

6.25"

LENGTH

12.00"

ROUND CORNER RADIUS

.125"

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MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF

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PART NO.

504094C04

DESCRIPTION:

AUTHORIZED BY

DATE

REVISION LEVEL 31P

DESIGNER **Joel Ortega**

CHECKED BY

DATE **12/21/2009**