

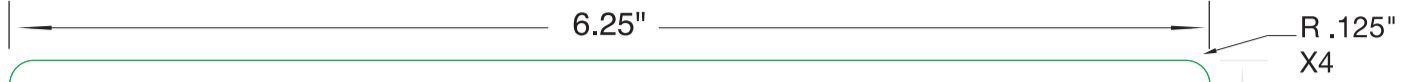


TEL (915) 590-8500  
FAX (915) 590-8510

**Reference Files Used:**

- 51010xls rev 37P
- 500446 rev 8P
- 500444 rev 3P
- 500443 rev 12P
- 500445 rev 2P
- 500440 rev 3P

Please Note For Prince Manufacturing  
**No Holes Punch out**  
on the label.



## SIEMENS

**Cat. No. HF365**      **Fusible Heavy Duty Safety Switch**      **Type VB II**  
**400 Amps Maximum**      **600 Volts AC (V~) Maximum**      **250 Volts DC (V<sub>m</sub>) Maximum**  
**Type 1**      **Indoor**

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>1</sup>
Std. HP (Std. Fuse) <sup>4</sup>	15 <sup>9</sup>	50	25	100 <sup>7</sup>	30	125 <sup>7</sup>	50
Max. HP (Time Delay)	15 <sup>9</sup>	125 <sup>7</sup>	50	250 <sup>7</sup>	50	350 <sup>7</sup>	—

Continuous load current not to exceed 80% of the rating of fuses employed in other than motor circuits. Suitable for use as Service Equipment when used with ground bar kit **HG656** on 3 phase, 3 wire systems or when used with **HN656** neutral kit on 1 phase, 3 wire or 3 phase, 4 wire systems.

Horsepower ratings listed above are suitable for use with High Efficiency Motors through 75 HP @ 240 V, 3Ø AC, 150 HP @ 480 V, 3Ø AC and 250 HP @ 600 V, 3Ø AC.

**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 **HR656** 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 or Class T fuses with the load base relocated to the "T 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.

**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, 250 volts DC.

**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**

**⚠ 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.

**Torque Fuse Clamp Mounting screws to 50 lb-ins.**

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

Description	Wire Range	Wire Tightening Torque <sup>5</sup>	Lug Mounting Torque <sup>5</sup>
Line, Load & Main Neutral	1/0 AWG-750 kcmil (2) 1/0 AWG-250 kcmil	500 lb-ins.	80 lb-ins.
Service Ground	(2) 6 AWG-300 kcmil	275 lb-ins.	80 lb-ins.

**UL Listed Compression Lugs (Refer to manufacturers instructions for proper installation)<sup>10</sup>**

Wire Size (AWG OR kcmil)	Burndy		Thomas & Betts		IlSCO	
	Cu Only	Cu / Al	Cu Only	Cu / Al	Cu Only	Cu / Al
2/0	YA26-N	YA26A1	54160 54951BE			IACL-2/0 ACN-2/0
3/0	YA27-L Box YA27	YA27A3	54165-TB 54965BE		CRB-3/0 CRB-3/0L	IACL-3/0 ACN-3/0
4/0	YA28-L Box YA28	YA28A3	54170 54970BE	60150	CRB-4/0 CRB-4/0L	IACL-4/0 ACN-4/0
250	YA29-L Box YA29	YA29A1	54113 54913BE	61156 60156	CRA-250 CRA-250L	IACL-250 ACL-250
300	YA30-L YA30	YA30A1	54114 54914BE	61162 60162	CRA-300 CRA-300L	IACL-300 ACL-300
350	YA31-L YA31	YA31A1	54915BE	61165 60165	CRA-350 CRA-350L	IACL-350
400	YA32-N		54116 54916BE			
500	YA34-L6 YA34-N			61171		IACL-500

Inspection record number:

**Accessories**

Aux. Switch (1NO - 1NC)	HA165678	Neutral	HN656	Isolated Ground Lug Kit	HG2656
Aux. Switch (2NO - 2NC)	HA265678	200% Neutral	HN656	Class R Fuse Kit (Rejects Class H & K Fuses)	HR656
Low Voltage Aux. Sw. (1NO - 1NC)	HA365678	Ground Lug Kit (Wire Range (2) 14-2/0 AWG)	HG656	Compression Lug Mounting Kit <sup>10</sup>	HCL65
		Wire Grip Kit (Cu)	HLC65678	Hub Kits	

**Replacement Parts**

Line Base	HFB65	Wire Grip Kit (Al)	HL65678	Handle / Handle Guard	HH65678
Load Base	HBB656	Mechanism	HM65	Door	HF365DOOR

<sup>1</sup> Use outer two poles.  
<sup>4</sup> The starting current of motors more than the standard horsepower or kilowatt ratings may require the use of fuses with appropriate time delay characteristics.  
<sup>5</sup> When tightening or replacing connectors, refer to lug mounting torque in Terminal & Wire Information Table.  
<sup>7</sup> Not for use as a motor controller over 74.6 kW (100 hp).  
<sup>9</sup> If the fuses of this switch are the sole means of motor protection, fuse per the NEC using UL Listed fuse reducers.  
<sup>10</sup> If compression lugs are used, order compression lug mounting kit **HCL65**.

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

**Siemens Industry, Inc.**  
 Norcross, GA 30092 USA      **Pc. No. 508057H05**  
<http://www.usa.siemens.com/powerdistribution>      **0411**  
 Made in USA

<b>COMPANY NAME</b>		<b>SIEMENS INDUSTRY INC.</b>		<b>JOB WILL NOT BE PRINTED UNLESS APPROVED BY CUSTOMER.</b>			
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	Synthetic Paper		WIDTH			508057H05	
	<b>INK COLORS</b>		LENGTH		<input type="checkbox"/> OK TO PRINT WITH CORRECTIONS AS MARKED	<b>DESCRIPTION:</b>	
	BLACK	185 RED	12.00"			Label	
		ROUND CORNER RADIUS		<b>AUTHORIZED BY</b>		<b>DATE</b>	<b>REVISION LEVEL</b> 37P
		.125"				DESIGNER	Gibran Camacho
						CHECKED BY	
						DATE	04/15/11