

# SIEMENS

**Cat. No. HF365R**  
**400 Amps Maximum**  
**NEMA Type 3R**

**Heavy Duty Safety Switch**  
**600 Volts AC Maximum**  
**Rainproof**

**Type VB II**  
**250 Volts DC Maximum**

**Horsepower Ratings**

	240 VAC <sup>1</sup> 1 PH	240 VAC 3 PH	480 VAC <sup>1</sup> 1 PH	480 VAC 3 PH	600 VAC <sup>1</sup> 1 PH	600 VAC 3 PH	250 VDC <sup>1</sup>
<b>Std. HP (Std. Fuse)<sup>2</sup></b>	15 <sup>4</sup>	50	25	100 <sup>3</sup>	30	125 <sup>3</sup>	50
<b>Max. HP (Time Delay)</b>	15 <sup>4</sup>	125 <sup>3</sup>	50	250 <sup>3</sup>	50	350 <sup>3</sup>	—

<sup>1</sup> Use outer two poles.

<sup>2</sup> The starting current of motors more than the standard horsepower ratings may require the use of fuses with appropriate time delay characteristics.

<sup>3</sup> Not for use as a motor controller over 100 horsepower.

<sup>4</sup> If the fuses of this switch are the sole means of motor protection, fuse per the NEC using UL Listed fuse reducers.

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 Design E Motors through 75 HP @ 240 V, 3Ø AC, 150 HP @ 480 V, 3Ø AC and 250 HP @ 600 V, 3Ø AC.

Suitable for use as service equipment when neutral kit **HN656** is installed.

**Fuse and Short Circuit Information**

When used with Class K or H fuses, 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 J, R 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 100,000 amperes, **250** volts DC.

**Danger** – Unless fuses marked for an interrupting rating of 100,000 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.

	<b>⚠ DANGER</b>
<b>Hazardous Voltage. Will cause death or serious injury.</b>	
Turn off switch before replacing any fuse. Disconnect power supplying this switch before working inside. Close cover before turning power on.	

**Torque Fuse Clamp Mounting screws to 50 lb-ins.**  
**Terminal & Wire Information**

**USE 75° COPPER OR ALUMINIUM WIRE**

Terminal & Wire Information			
Description	Wire Range	Wire Tightening Torque <sup>5</sup>	Lug Mounting Torque <sup>5</sup>
Line, Load & Main Neutral	1/0 - 750 kcmil, Cu Al (2) 1/0 - 250 kcmil, Cu Al	500 lb-ins.	65 lb-ins.
Ground	#6-300 kcmil, Cu Al	275 lb-ins.	65 lb-ins.

**UL Listed Compression Lugs (Refer to manufacturers instructions for proper installation)<sup>6</sup>**

Wire Size	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 Kcmil	YA29-L Box YA29	YA29A1	54113 54913BE	61156 60156	CRA-250 CRA-250L	IACL-250 ACL-250
300 Kcmil	YA30-L YA30	YA30A1	54114 54914BE	61162 60162	CRA-300 CRA-300L	IACL-300 ACL-300
350 Kcmil	YA31-L YA31	YA31A1	54915BE	61165 60165	CRA-350 CRA-350L	IACL-350
400 kcmil	YA32-N		54116 54916BE			
500 kcmil	YA34-L6 YA34-N			61171		IACL-500

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

<sup>6</sup> If compression lugs are used, order compression lug mounting kit **HCL65**.

Inspection record number:

**Accessories**

<b>Aux. Switch (1NO - 1NC)</b>	HA165678	<b>Neutral</b>	HN656	<b>Class R Fuse Kit (Rejects Class H &amp; K Fuses)</b>	HR656
<b>Aux. Switch (2NO - 2NC)</b>	HA265678	<b>200% Neutral</b>	HN656	<b>HV Hub Kits</b>	HV250 (2½") HV300 (3") HV350 (3½") HV400 (4")
<b>Low Voltage Aux. Sw. (1NO - 1NC)</b>	HA365678	<b>Ground Lug Kit (Wire Range #14-2/0)</b>	HG656	<b>Compression Lug Mounting Kit</b>	HCL65 <sup>6</sup>
<b>Wire Grip Kit (CU)</b>	HLC65678	<b>Isolated Ground Lug Kit</b>	HG2656		

**Replacement Parts**

<b>Line Base</b>	HFB65	<b>Wire Grip Kit (AL)</b>	HL65678	<b>Handle / Handle Guard</b>	HH65678
<b>Load Base</b>	HBB656	<b>Mechanism</b>	HM65	<b>Door</b>	HF365RDOOR

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

Pc. No. 508057M02  
0101

Siemens Energy & Automation, Inc.  
 Bellefontaine, Ohio 43311 U.S.A.  
<http://www.sea.siemens.com / dpd>