



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

6.25"

**Cat. No. HDUN225 Non-Fusible Heavy Duty Double Throw Safety Switch Type VB II**  
**400 Amps Maximum 240 Volts AC (V~) Maximum 250 Volts DC (V=) Maximum**  
**NEMA Type 1 Indoor**

Horsepower Ratings	240 VAC 1Ø	240 VAC <sup>3</sup> 3Ø	250 VDC
<b>Max. HP</b>	<b>15</b>	<b>125<sup>7</sup></b>	<b>50</b>

Suitable for use as Service Equipment when used with ground bar kit **HG656M** on 3 phase, 3 wire systems or when used with **HN678M** neutral kit on 1 phase, 3 wire or 3 phase, 4 wire systems.

Manually-operated switch suitable for use in accordance with Article 702 of the National Electrical Code, ANSI/NFPA 70.

**Fuse and Short Circuit Information**

This switch is suitable for use on a circuit capable of delivering not more than 200,000 amperes, RMS symmetrical, **240** volts maximum when protected by class J, R or T fuses rated **400** amperes maximum.

**Danger** - Unless Type JD6 or LD6 circuit breakers or Class J, R or T fuses are used to protect this switch, it may present a risk of fire and injury to persons if installed on circuits capable of delivering more than 10,000 amperes, RMS symmetrical.

This switch is suitable for use on a circuit capable of delivering not more than 10,000 amperes, RMS symmetrical, **240** volts maximum, when protected by Class K fuses, Class H fuses or a UL Listed Circuit Breaker rated for 10,000 amperes, RMS symmetrical, **240** volts maximum.

This switch is suitable for use on a circuit capable of delivering not more than 25,000 amperes, rms symmetrical, when protected by Type JD6 or LD6 circuit breakers rated **400** amperes maximum.

This switch is suitable for use on a circuit capable of delivering not more than 10,000 amperes, **250** volts DC maximum, when protected by fuses marked with an interrupting rating 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 to protect this switch, this switch may present a risk of fire and injury to persons if installed on circuits capable of delivering more than 10,000 amperes.



**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.

8.75"

**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. 240 lb-ins. (Neutral 3/8-16 Bolt)
Service Ground	(2) 6 AWG-300 kcmil	275 lb-ins.	80 lb-ins.

Inspection record number:

**Accessories**

Aux. Switch (1NO - 1NC)	HA165678M	Neutral	HN678M	Class R Fuse Kit (Rejects Class H & K Fuses)
Aux. Switch (2NO - 2NC)	HA265678M	Ground Lug Kit (Wire Range (2) 14-2/0 AWG)	HG656M	Hub Kits

**Replacement Parts**

Line Base	HNB65	Wire Grip Kit (AL)	HL65678	Handle / Handle Guard	HHD65678
Load Base		Mechanism		Door	

<sup>3</sup> Suitable for 3-Phase, 3-Wire, Grounded B-Phase Systems when neutral kit **HN678M** is installed.

<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).



**UL LISTED**  
ENCLOSED SWITCH  
Issue No. AL-265  
File No. E4776

**Murray Electrical Products**  
Siemens Energy & Automation, Inc.  
Bellefontaine, OH 43311 U.S.A.  
<http://www.murrayelectrical.com>  
Assembled in Mexico

Pc. No. 508317A05  
0609



RCR .125"  
X4

**COMPANY NAME**

**SIEMENS E&A**

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**MATERIAL**

**SEMI-GLOSS PAPER**  
**INK COLORS**

**BLACK**

**185 RED**

**SIZE**

WIDTH

**6.25"**

LENGTH

**8.75"**

ROUND CORNER RADIUS

**.125"**

OK TO PRINT AS IS

MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF

OK TO PRINT WITH CORRECTIONS AS MARKED

PART NO.

**508317A05**

DESCRIPTION:

**AUTHORIZED BY**

**DATE**

**REVISION LEVEL 29P**

DESIGNER

**Gibrán Camacho**

CHECKED BY

DATE

**08/06/09**