



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

6.25"

**Cat. No. HDUN361AW Non-Fusible Heavy Duty Double Throw Safety Switch Type VB II**  
**30 Amps Maximum 600 Volts AC (V~) Maximum 250 Volts DC (V-) Maximum**  
**NEMA Type 3R Rainproof**

Horsepower Ratings	240 VAC 1Ø	240 VAC 3Ø	480 VAC 1Ø	480 VAC 3Ø	600 VAC 1Ø	600 VAC 3Ø	250 VDC
Max. HP	5	10	7 1/2	20	10	30	5

Suitable for use as Service Equipment when used with ground bar kit HG61234M on 3 phase, 3 wire systems or when used with HNC612M 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, 600 volts maximum when protected by class J, R or T fuses rated 30 amperes maximum.

**Danger** – Unless Type NEB or NGB 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, 600 volts maximum, when protected by 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 18,000 amperes, rms symmetrical up to 480 VAC, when protected by Type NEB or NGB circuit breakers rated 30 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.

8.75"

	<b>⚠ DANGER</b>
	<p><b>Hazardous voltage. Will cause death or serious injury.</b></p> <ul style="list-style-type: none"> <li>• Disconnect and lock out power supplying this switch before working on this switch.</li> <li>• Turn off switch before removing or installing fuses if so equipped.</li> <li>• 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.</li> <li>• Close or replace cover before turning power on.</li> </ul>

**Terminal & Wire Information USE 60°C / 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	14-6 AWG	35 lb-ins. 14-10 AWG/ 40 lb-ins. 8 AWG 45 lb-ins. 6-4 AWG	24 lb-ins.
Service Ground	14-4 AWG		

Inspection record number:

**Accessories**

Aux. Switch (1NO - 1NC)	HA161234M	Neutral	HNC612M	Hub Kits	ECHS075/HS075M (3/4") ECHS100/HS100M (1")
Aux. Switch (2NO - 2NC)	HA261234M	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234M		

**Replacement Parts**

Line Base	HNB612	Wire Grip Kit (AL)	HL612	Handle / Handle Guard	HHD61234
Load Base		Mechanism		Door	

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

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



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

Pc. No. 500423F06  
304



R .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.

500423F06

DESCRIPTION:

AUTHORIZED BY

DATE

REVISION LEVEL 29P

DESIGNER

Gibran Camacho

CHECKED BY

DATE

07/13/09