



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

6.25"

8.75"

Cat. No. HDHN321AW Fusible Heavy Duty Double Throw Safety Switch Type VB II
30 Amps Maximum 240 Volts AC (V~) Maximum 250 Volts DC (V=) Maximum
NEMA Type 3R Rainproof

Horsepower Ratings	240 VAC 1Ø	240 VAC 3Ø	250 VDC
Std. HP (Std. Fuse) ⁴	1 1/2	3	5
Max. HP (Time Delay)	3	7 1/2	-

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 **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

When moving load base to a new position, seal original load base mounting holes.
 When used with 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 10,000 amperes, RMS symmetrical, **240** volts, maximum.
 When used with Class R fuses and Class R fuse clip kit **HR21M** properly installed, this switch is suitable for use on a circuit capable of delivering not more than 200,000 amperes, RMS symmetrical, **240** volts maximum.
Danger - Unless Class R 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
	<p>Hazardous voltage. Will cause death or serious injury.</p> <ul style="list-style-type: none"> • 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 60°C / 75°C COPPER OR ALUMINUM WIRE

Description	Wire Range	Wire Tightening Torque ⁵	Lug Mounting Torque ⁵
Line, Load & Main Neutral	14-6 AWG	35 lb-ins. 14-10 AWG/ 40 lb-ins. 8 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	Class R Fuse Kit (Rejects Class H & K Fuses)	HR21M

Replacement Parts

Line Base	HFB21	Wire Grip Kit (Al)	HL612	Handle / Handle Guard	HHD61234
Load Base	HBB21	Mechanism		Door	

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

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.



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

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R .125"
X4

COMPANY NAME

SIEMENS E&A

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MATERIAL

SEMI-GLOSS

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.

500423B06

DESCRIPTION:

AUTHORIZED BY

DATE

REVISION LEVEL 24P

DESIGNER

Gibran Camacho

CHECKED BY

DATE

10/09/08