



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

Cat. No. HHN321NW **Fusible Heavy Duty Safety Switch** **Type VB II**
30 Amps Maximum **240 Volts AC (V~) Maximum** **250 Volts DC (V- -) Maximum**
Type 3R **Rainproof** **Suitable for use as Service Equipment**



Horsepower Ratings	240 VAC 1Ø	240 VAC ² 3Ø	250 VDC
Std. HP (Std. Fuse) ⁴	1½	3	5
Max. HP (Time Delay)	3	7½	-

Continuous load current not to exceed 80% of the rating of fuses employed in other than motor circuits.

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, 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

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.

Inspection record number:



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	(1) 14-6 AWG (2) 14-10 AWG	35 lb-ins. 14-10 AWG / 40lb-ins. 8 AWG 45 lb-ins. 6-4 AWG	24 lb-ins.
Service Ground	14-4 AWG	35 lb-ins. 14-10 AWG / 40lb-ins. 8 AWG 45 lb-ins. 6-4 AWG	24 lb-ins.

Accessories

Aux. Switch (1NO - 1NC)	HA161234M	Neutral	HN612M	Class R Fuse Kit (Rejects Class H & K Fuses)	HR21M
Aux. Switch (2NO - 2NC)	HA261234M	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234M	Hub Kits	ECHS075/HS075M (3/4") ECHS100/HS100M (1")
				Shield Kit	HSK621SSW

Replacement Parts

Line Base	HFB21	Wire Grip Kit (AL)	HL612	Handle / Handle Guard	HH6123
Load Base	HBB21	Mechanism	HM6123		

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

² Suitable for 3-Phase, 3-Wire, Grounded B-Phase Systems

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.



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Norcross, GA 30092 USA
<http://www.murrayelectrical.com>
Assembled in Mexico

Pc. No. 500245B08
1103



R .125"
X4

COMPANY NAME	MATERIAL	SIZE	JOB WILL NOT BE PRINTED UNLESS APPROVED BY CUSTOMER.		PART NO. 500245B08
Siemens S.A DE C.V	Synthetic Paper	WIDTH 4.50"	<input type="checkbox"/> OK TO PRINT AS IS	<input type="checkbox"/> MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF	A7B91501321541
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	BLACK 185 RED	CORNER RADIUS .125"	AUTHORIZED BY		REVISION LEVEL 42P
			DATE		DESIGNER Joel Ortega
					CHECKED BY DATE 03/11/13