



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

6.125"

.125" rcr
X4

SIEMENS

Cat. No. HNF461 Non-Fusible 4 Pole Heavy Duty Safety Switch Type VB II
30 Amps Maximum 600 Volts AC (V~) Maximum 250 Volts DC (V=) Maximum
Type 1 Indoor

Horsepower Ratings	240 VAC 1Ø	240 VAC 2Ø	240 VAC 3Ø	480 VAC 1Ø	480 VAC 2Ø	480 VAC 3Ø	600 VAC 1Ø	600 VAC 2Ø	600 VAC 3Ø	250 VDC
Max. HP	5	10	10	7 1/2	20	20	10	25	30	5

Suitable for use as service equipment in the U.S.A. when neutral kit **HN612** or ground lug kit **HG61234** is installed.

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.

⚠ 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.

11.375"

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

UL Listed Compression Lugs (Refer to manufacturers instructions for proper installation)⁶

Wire Size (AWG OR kcmil)	Burdny		Thomas & Betts		IIsco	
	Cu Only	Cu / Al	Cu Only	Cu / Al	Cu Only	Cu / Al
14 - 10				60096 60097		
8	YA8C-L Box YA8C-L1 Box		54104 54130	60101 60102 61102	CRA-8	ACL - 8 ACN - 8
6				61107		

Inspection record number:

Accessories

Aux. Switch (1NO - 1NC)	HA161234	Compression Lug Neutral Barrier	HCL612	Isolated Ground Lug Kit	HG261234
Aux. Switch (2NO - 2NC)	HA261234	Neutral	HN612	Wire Grip Kit (CU)	HLC612
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234	Hub Kits	

Replacement Parts

Line Base	HNB612	Wire Grip Kit (Al)	HL612	Handle / Handle Guard	HH461234
Load Base		Mechanism		Door	HNF461DOOR

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

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

⁶ If compression lugs are used for the neutral, order compression lug neutral barrier kit **HCL612**.

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

Siemens Industry, Inc.
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<http://www.usa.siemens.com/powerdistribution>
Assembled in Mexico

Pc. No. 500448T07
0904

COMPANY NAME

SIEMENS INDUSTRY/MTR

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MATERIAL

SYNTHETIC PAPER

INK COLORS

BLACK

185 RED

SIZE

WIDTH

6.125"

LENGTH

11.375"

ROUND CORNER RADIUS

.125"

OK TO PRINT AS IS

MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF

OK TO PRINT WITH CORRECTIONS AS MARKED

PART NO: **500448T07**
A7B91501321636

DESCRIPTION:

Interior Label

AUTHORIZED BY

DATE

REVISION LEVEL 39P

DESIGNER

Joel Ortega

CHECKED BY

DATE

05/21/12