LABEL TECH INC.
WE ARE PRESSURE SENSITIVE TO OUR CUSTOMER'S NEEDS
TEL (915) 590-8500
FAX (915) 590-8510

4.63"

8.50"

1.44"

3.70"

SIEMENS

Cat. No. HF221N **Fusible Heavy Duty Safety Switch** **Type VB II**
30 Amps Maximum **240 Volts AC(V~) Maximum** **250 Volts DC(V⎓) Maximum**
Type 1 **Indoor** **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 **HR21** 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.

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.

Inspection record number:

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

Wire Size (AWG OR kcmil)	Burndy		Thomas & Betts		Ilsco	
	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		

Accessories

Aux. Switch (1NO - 1NC) HA161234	Neutral HN612	Class R Fuse Kit (Rejects Class H & K Fuses) HR21
Aux. Switch (2NO - 2NC) HA261234	Ground Lug Kit (Wire Range 14-4 AWG) HG61234	Fuse puller (3 per kit) HP61
Low Voltage Aux. Sw. (1NO - 1NC) HA361234	Isolated Ground Lug Kit HG261234	Shield Kit HSK621SSW
Compression Lug Neutral Barrier Kit HCL612	Wire Grip Kit (CU) HLC612	

Replacement Parts

Line Base HFB21	Wire Grip Kit (AL) HL612	Handle / Handle Guard HH6123
Load Base HBB21	Mechanism HM6123	Door HF221NDOOR

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.
[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.
Norcross, GA 30092 USA
http://www.usa.siemens.com/powerdistribution
Assembled in Mexico

Pc. No.500172A09
1103

R .125"
X4

COMPANY NAME	MATERIAL	SIZE	JOB WILL NOT BE PRINTED UNLESS APPROVED BY CUSTOMER.	PART NO.
SIEMENS INDUSTRY, INC. MTR	Synthetic Paper	WIDTH 4.63"	☐ OK TO PRINT AS IS ☐ MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF	500172A09
	INK COLORS	LENGTH 8.50"	☐ OK TO PRINT WITH CORRECTIONS AS MARKED	DESCRIPTION: Label
	BLACK 185 RED	CORNER RADIUS .125"	AUTHORIZED BY / DATE	REVISION LEVEL 39P
				DESIGNER Gibran Camacho
				CHECKED BY
				DATE 05/18/12

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