



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

6.25"

SIEMENS

Cat. No. GF224N **Fusible General Duty Safety Switch** **Type VB II**
200 Amps Maximum **240 Volts AC (V~) Maximum** **250 Volts DC (V-DC) 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	15	25	40
Max. HP (Time Delay)	—	60	—

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 **HR64** properly installed, this switch is suitable for use on a circuit capable of delivering not more than 100,000 amperes, RMS symmetrical, 240 volts maximum.
 When used with Class J fuses with the load base relocated to the "J Fuse" position marked on the enclosure this switch is suitable for use on a circuit capable of delivering not more than 100,000 amperes, RMS symmetrical, 240 volts maximum.
 When used with Class T fuses and Class T fuse adaptor kit **HT24** properly installed, this switch is suitable for use on a circuit capable of delivering not more than 100,000 amperes, RMS symmetrical, 240 volts maximum.
Danger – Unless class R, J or T 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 75°C COPPER OR ALUMINUM WIRE**

Terminal & Wire Information			
Description	Wire Range	Wire Tightening Torque ⁵	Lug Mounting Torque ⁵
Line, Load & Main Neutral	6 AWG-250 kcmil	275 lb-ins.	135 lb-ins.
Service Ground	14-1/0 AWG	35 lb- ins. 14-10 AWG/ 40 lb- ins. 8 AWG 45 lb- ins. 6-4 AWG/ 50 lb- ins. 3- 1/0 AWG	80 lb-ins.

Inspection record number:

Accessories

Aux. Switch (1NO - 1NC)	HA161234	Neutral	HN64	Class R Fuse Kit (Rejects Class H & K Fuses)	HR64
Aux. Switch (2NO - 2NC)	HA261234	Ground Lug Kit (Wire Range 14-4AWG)	HG61234	Class T Fuse Kit	HT24
Hub Kits					

Replacement Parts

Line Base	HFB64	Wire Grip Kit (AL)	HL64	Handle / Handle Guard	GH24
Load Base	HBB64	Mechanism	HM64	Door	

Protected by one or more of the following US Patents: 6,134,979, 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.

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



UL LISTED
ENCLOSED SWITCH
Issue No. AL-265
File No. E4776

Siemens Industry, Inc.
Norcross, GA 30092 USA
<http://www.usa.siemens.com/powerdistribution>
Assembled in Mexico

Pc. No. 506081A07
0202

R .125"
X4

8.75"

COMPANY NAME

Siemens Industry, Inc.

JOB WILL NOT BE PRINTED UNLESS APPROVED BY CUSTOMER.

PART NO.

506081A07

DWG NO.

DESCRIPTION:

Label

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MATERIAL

Synthetic Paper

Lamination: **No**

INK COLORS

Black

Red 185

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

AUTHORIZED BY

DATE

REVISION LEVEL 35P

DESIGNER **Joel Ortega**

CHECKED BY

DATE **10/18/10**