

SIEMENS

Cat. No. GF221NA

Fusible General Duty Safety Switch

30 Amps Maximum

Type 1 Indoor

Type VBII

240 Volts AC (V~) Maximum

250 Volts AC (V—) Maximum

Suitable for use as Service Equipment

HP Ratings

| | 240VAC 1Ø | 240VAC ² 3Ø | 250VDC |
|----------------------------------|--------------|---------------------------|--------|
| 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 percent of the rating of fuses employed in other than motor circuits.

Fuse and Short Circuit Information

When used with Class K, 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 **HR21A** 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 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.

Terminal & Wire Information

| Description | Lug Size | Wire Range ¹² | Wire Tightening Torque |
|------------------|------------|--------------------------|---------------------------------------|
| Line / Load Lugs | 14 - 2 AWG | 14 - 8 AWG | 35 lb-in. 14-10 AWG / 40 lb-in. 8 AWG |
| Neutral lugs | 14 - 4 AWG | 14 - 8 AWG | 20 lb-in. 14-10 AWG / 25 lb-in. 8 AWG |

USE 60°C / 75°C COPPER OR ALUMINUM WIRE

Accessories

Ground Lug Kit: HG61234

R Fuse Kit: HR21A

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

⁴ The starting current of motors more than the standard horsepower rating may require the use of fuses with appropriate time delay characteristics.

¹² Wire range per NEC wire-bending requirements.

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

<http://www.usa.siemens.com/powerdistribution>

Patents Pending

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Assembled in Mexico

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