

General Duty Enclosed Switches

Plug Fuse and 60A Special Application Type

Selection

Features[®]

- Compact size
- Horsepower rated
- Indoor and outdoor enclosures
- Quick make-quick break mechanism
- Visible "ON"-"OFF" indications
- Padlock-off handle feature
- Door padlock provision
- Bondable neutral (where indicated)
- Lugs suitable for copper or aluminum wire
- UL Listed
- Fuses — not included
- Switches accept Edison base plug fuses
- Hubs — see page 4-20
- Lugs — see page 4-20

Dimensions (inches)

Type	Height	Width	Depth
1	8¼	5½	3
3R	8¼	5½	3½

Wire Range Table

Switch Type	Wire Range
120/240 Volt Fusible 30 Amp	Cu/Al #14 to #8 AWG [®]
120/240 Volt Non-Fusible 60 Amp	Cu/Al #14 to #3 AWG



Ampere Rating	Indoor — Type 1		Outdoor — Type 3R		Horsepower Ratings ^①	
	Catalog Number	Ship. Wt. (lbs.) Pkg. of 10	Catalog Number	Ship. Wt. (lbs.) Pkg. of 10	1-Phase, 2-Wire Standard	Maximum

120/240 Volt Fusible

1-Pole and Solid Neutral^②

120 Volt — 1-Phase, 2-Wire

30	LF111N	35	LF111NR	35	½	2
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2-Pole and No Neutral

120/240 Volt — 1-Phase, 2-Wire

30	Use 2-Pole and Solid Neutral				
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2-Pole and Solid Neutral^②

120/240 Volt — 1-Phase, 3-Wire

30	LF211N	35	LF211NR	35	1½	3
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240 Volt Non-Fusible

2-Pole Special Application Switch

1 or 2-Pole — No Fuse

240 Volt — 1-Phase, 2-Wire

60	—	—	LNF222R ^③	35	—	10
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For inches / millimeters conversion, multiply inches by 25.4.

①Dual horsepower ratings:

Std. — applies when non-time delay plug fuses are installed.

Max — applies when time-delay plug fuses are installed.

②Has service entrance label.

UL Listed as "Enclosed Switches" (suitable for use as service equipment where indicated) under File #E4776. (NEMA) — Type G.D.

Federal Spec. — W-S-865C — type LD or type NDS

③Bottom cable entry and exit only. No hub provision supplied. GSGK60 is included and factory installed.

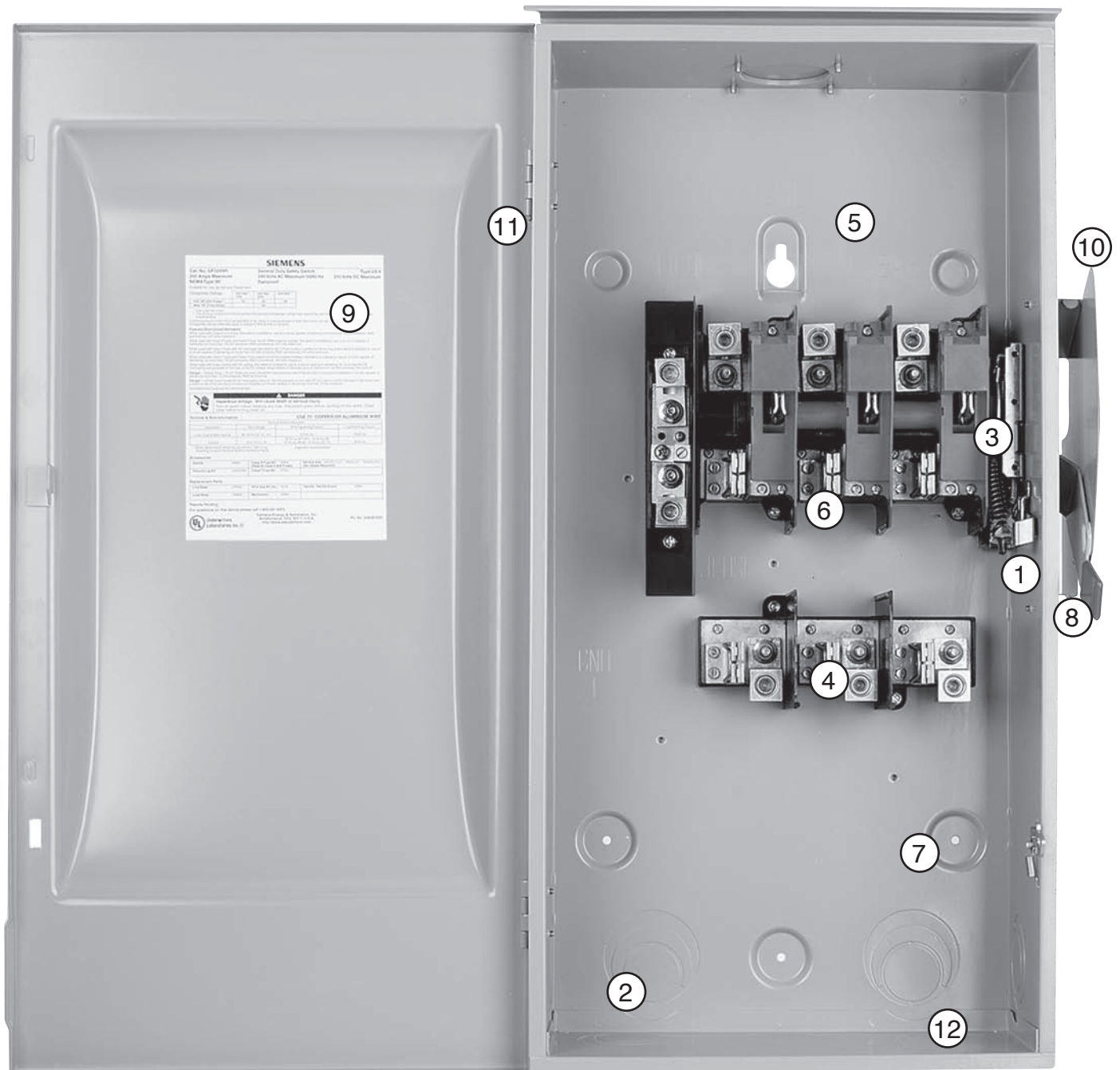
④Line lugs will accept and are UL approved for #14 to #6 Cu/Al cable.

⑤Features also apply to 2- and 3-pole, 30A general duty switches on page 4-8.

General Duty Safety Switches

Features (60-600A)

Product Overview



4
SAFETY
SWITCHES

1. Cover interlock
2. Tangential knockouts through 600A for easy conduit lineup
3. Quick-make, quick-break operating mechanism that ensures positive operation
4. Provisions for T, R, J, H, and K class fuses (T & J 100-600A)
5. Generous wiring gutters that meet or exceed NEC wire-bending space requirements
6. Visible blade, double-break switch action
7. Positive 2 or 3 point mounting
8. Highly visible red handle grip
9. Informative door labeling which includes replacement parts list
10. Handle and cover padlocking provisions
11. Side-hinged door that opens 180 degrees for easier wiring
12. A unique enclosure design that adds rigidity and strength. Its rolled edge prevents cuts and scrapes to conductors and to installer's hands

General Duty Safety Switches

Selection



4 SAFETY SWITCHES

System	Ampere Rating	Indoor — Type 1		Outdoor — Type 3R		Horsepower Ratings ^①					
		Catalog Number	7 (lbs.) Std. Pkg.	Catalog Number	Ship. Wt. (lbs.) Std. Pkg.	240V AC			250 Volt DC		
						1-Phase, 2-Wire	2-Phase, 4-Wire	3-Phase, 3-Wire			
Std.	Max.	Std.	Max.	Std.	Max.	Std.	Max.	Std.			

240 Volt Fusible

2-Pole, 2-Fuse, and Solid Neutral^{②③④}

240 Volt AC/250 Volt DC

	30	GF221N	35 ^②	GF221NR ^⑤	35 ^②	1½	3	—	—	3	7½	5
	60	GF222N	14	GF222NR	14	3	10	—	—	7½	15	10
	100	GF223N	23	GF223NR	24	7½	15	—	—	15	30	20
	200	GF224N	47	GF224NR	48	15	—	—	—	25	60	40
	400	GF225NH ^⑥	128	GF225NRH ^⑥	130	15	—	—	—	50	125	50
	400	GF225N	153	GF225NR	157	15	—	—	—	50	125	50
	600	GF226NH ^⑥	133	GF226NRH ^⑥	135	15	—	—	—	75	200	—
	600	GF226N	159	GF226NR	159	15	—	—	—	75	200	—

3-Pole, 3-Fuse, and Solid Neutral^④

240 Volt AC/250 Volt DC

	30	GF321N	24 ^④	GF321NR ^⑤	24 ^④	1½	3	—	—	3	7½	5
	60	GF322N	15	GF322NR	15	3	10	—	—	7½	15	10
	100	GF323N	25	GF323NR	25	7½	15	—	—	15	30	20
	200	GF324N	49	GF324NR	50	15	—	—	—	25	60	40
	400	GF325NH ^⑥	136	GF325NRH ^⑥	138	15	—	—	—	50	125	50
	400	GF325N	158	GF325NR	162	15	—	—	—	50	125	50
	600	GF326NH ^⑥	138	GF326NRH ^⑥	141	15	—	—	—	75	200	—
	600	GF326N	161	GF326NR	165	15	—	—	—	75	200	—

240 Volt Non-Fusible^{③④}

2-Pole or 3-Pole

240 Volt AC/250 Volt DC

	30	GNF321	24 ^④	GNF321R ^⑤	24 ^④	—	3	—	—	7½	—	5
	60	GNF322	12	GNF322R	13	—	10	—	—	15	—	10
	100	GNF323	23	GNF323R	24	—	15	—	—	30	—	20
	200	GNF324	46	GNF324R	47	—	15	—	—	60	—	40
	400	GNF325	114	Use 600V Switch — HNF365R		—	15	—	—	125	—	50
	600	GNF326	116	Use 600V Switch — HNF366R		—	15	—	—	200	—	—

① Dual horsepower ratings: Std.- applies when non-time delay fuses are installed. Max.- applies when time-delay fuses are installed.

② These switches are UL-listed for application on grounded B-phase systems.

③ Suitable for use on 3-phase motor loads.

④ Service entrance labeled.

⑤ Has provision for ECHA type hub.

⑥ 5 switches per standard package.

⑦ 10 switches per standard package.

⑧ Height reduced switch (45.25 rather than 56 inches in height) for use with 500MCM or smaller conductors.