

SAFETY SWITCHES for General and Heavy Duty use



General Duty



Heavy Duty

Description

- Used to open or close a circuit
- Non-fusible safety switches provide a way to manually connect or disconnect the load from the source
- Fusible safety switches allow for manually opening and closing a circuit and overcurrent protection by means of installed fuses
- Available from 30-1200 amps

Features, Benefits and Functions

General Duty (Cartridge Fuse)

- Visible double break quick-make, quick-break rotary blade mechanism
- Side opening door on all enclosures
- Mechanically interlocked cover prevents easy access when switch in ON position
- With Class R fuses, switches may be used on systems capable of delivering 100,000 amps rms symmetrical
- Clearly visible and accessible neutral where applicable
- Visible ON/OFF indicator
- Knockouts on 30-60 amp designs
- Ample wiring space
- Double padlocking capability on 30-100 amps
- Triple padlocking capability on 200-600 amps
- Additional door locking capability

Heavy Duty

- Visible double break quick-make, quick-break rotary blade mechanism
- Mechanically interlocked cover prevents easy access when switch in ON position
- Clear line shield with probe holes
- Palm fitting red handle
- Triple padlocking capability
- Knockouts on NEMA 1 & NEMA 3R enclosures through 200 amp
- Built-in fuse pullers on NEMA 4X & NEMA 12 enclosures through 200 amp
- Additional door locking capability
- Accessory and renewal parts data on inner door label
- 30-200 amp NEMA 12 designs convertible to NEMA 3R (open factory installed drain hole)
- Seismic qualified 30-800 amp switches exceed requirements of the Uniform Building Code (UBC) & California Code Title 24

Standards and Certifications

- UL® 98
- UL 50
- NEMA KS-1

120/240V AC General Duty, Fusible, Single Throw

3-Wire (two blades, two fuses, S/N) -120/240V AC

System 	Ampere Rating	Fuse Type Provision	Maximum Horsepower Ratings ¹				NEMA 1 Enclosure Indoor		NEMA 3R Enclosure Rainproof	
			1-Phase AC		3-Phase AC		Part #	Price	Part #	Price
			240V	240V	240V	240V				
	30 60	H H	1-1/2 - 3 3 - 10	3 - 7-1/2 ² 7-1/2 - 15 ²	DG221NGB DG222NGB	31.40 50.39	DG221NRB	57.29		

¹ Maximum HP ratings apply only when dual element time delay fuses are used

² Grounded B phase rating, UL listed

4-Wire (three blades, three fuses, S/N) -120/240V AC

System 	Ampere Rating	Fuse Type Provision	Maximum Horsepower Ratings ¹				NEMA 1 Enclosure Indoor		NEMA 3R Enclosure Rainproof	
			1-Phase AC		3-Phase AC		Part #	Price	Part #	Price
			240V	240V	240V	240V				
	30 60	H H	1-1/2 - 3 3 - 10	3 - 7-1/2 7-1/2 - 15	DG321NGB DG322NGB	48.66 80.41	DG321NRB DG322NRB	72.47 109.74		

¹ Maximum HP ratings apply only when dual element time delay fuses are used

- Suitable for service entrance applications unless otherwise noted
- Horsepower rated
- Bolt-on hub provision. Provided for general duty switches in a NEMA 3R enclosure (Ask your Galco sales representative for more information)
- UL listed File No. E5239. Meets UL98 for enclosed switches and NEMA Std. KS-1

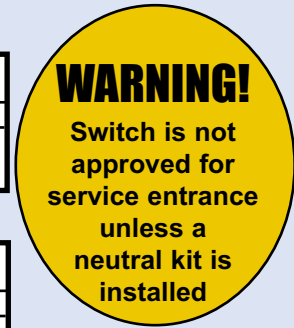
120/240V AC General Duty, Non-Fusible, Single Throw

Non-Fusible — 2-Pole 2-Wire (two blades) - 240V AC

System 	Ampere Rating	Maximum Horsepower Ratings				NEMA 1 Enclosure Indoor		NEMA 3R Enclosure Rainproof	
		1-Phase AC		3-Phase AC		Part #	Price	Part #	Price
		120V	240V	240V	240V				
	30 60	2 3	3 10	— —	DG221UGB	35.20	DG221URB DG222URB	47.28 84.55	

Non-Fusible — 3-Pole 3-Wire (three blades) - 240V AC

System 	Ampere Rating	Maximum Horsepower Ratings				NEMA 1 Enclosure Indoor		NEMA 3R Enclosure Rainproof	
		1-Phase AC		3-Phase AC		Part #	Price	Part #	Price
		120V	240V	240V	240V				
	30 60	2 3	3 10	7-1/2 15	DG321UGB DG322UGB	39.69 50.04	DG321URB	72.13	



600V AC Heavy Duty, Fusible, Single Throw

3-Pole - 480V AC - 600V AC, 250V DC

(suitable for service entrance use with a neutral or ground lug kit installed)

System 	Ampere Rating	Fuse Class Provision	Max. HP ratings w/time delay fuses				NEMA 1 Enclosure Indoor		NEMA 3R Enclosure Rainproof	
			1-Phase AC		3-Phase AC		Part #	Price	Part #	Price
			480V	600V	480V	600V				
	30 60 100	H H H	7-1/2 20 30	10 25 40	15 30 60	20 50 75	DH361FGK DH362FGK DH363FGK	110.40 131.10 255.30	DH361FRK DH362FRK DH363FRK	194.58 227.70 335.34

- Horsepower rated
- UL listed File No. E5239

Note: 30A heavy-duty switches with Type J fuse provisions are available from the factory only

4-Wire (three blades, 3-fuses, S/N) 480V AC - 600V AC, 250V DC

System 	Ampere Rating	Fuse Class Provision	Max. HP ratings w/time delay fuses				NEMA 1 Enclosure Indoor		NEMA 3R Enclosure Rainproof	
			1-Phase AC		3-Phase AC		Part #	Price	Part #	Price
			480V	600V	480V	600V				
	30 60 100	H H H	7-1/2 20 30	10 25 40	15 30 60	20 50 75	DH361NGK DH362NGK DH363NGK	125.30 153.18 274.62	DH361NRK DH362NRK DH363NRK	207.00 241.50 365.70

600V AC Heavy Duty, Non-Fusible, Single Throw

3-Pole - 480V AC - 600V AC, 250V DC

(suitable for service entrance use with a neutral or ground lug kit installed)

System 	Ampere Rating	Maximum Horsepower Ratings						NEMA 1 Enclosure Indoor		NEMA 3R Enclosure Rainproof		
		1-Phase AC			3-Phase AC			Part #	Price	Part #	Price	
		240V	480V	600V	240V	480V	600V					250V
	30 60	3 10	7-1/2 20	10 25	10 20	20 50	30 60	5 10	DH361UGK DH362UGK	58.79 101.29	DH361URK DH362URK	101.29 184.92



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