

# 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

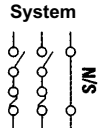
- Visible double break quick-make, quick-break rotary blade mechanism
- Mechanically interlocked cover prevents easy access when switch in ON position
- Clear line shield with probe holes
- Palm fitting red handle
- Triple padlocking capability
- Knockouts on NEMA 1 & NEMA 3R enclosures through 200 amp
- 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

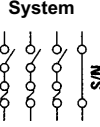
### 3-Wire (two blades, two fuses, S/N) -120/240V AC

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

<sup>1</sup> Maximum HP ratings apply only when dual element time delay fuses are used

<sup>2</sup> Grounded B phase rating, UL listed

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

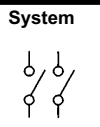
System 	Ampere Rating	Fuse Type Provision	Maximum Horsepower Ratings <sup>1</sup>				NEMA 1 Enclosure Indoor		NEMA 3R Enclosure Rainproof	
			1-Phase AC		3-Phase AC		Part #	Price	Part #	Price
			240V	240V	240V	240V				
	30	H	1-1/2 - 3	3 - 7-1/2	DG321NGB	48.66	DG321NRB	72.47		
	60	H	3 - 10	7-1/2 - 15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

<sup>1</sup> Maximum HP ratings apply only when dual element time delay fuses are used

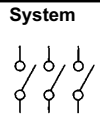
- Suitable for service entrance applications unless otherwise noted
- Horsepower rated
- Bolt-on hub provision. Provided for general duty switches in a NEMA 3R enclosure (Ask your Galco sales representative for more information)
- UL listed File No. E5239. Meets UL98 for enclosed switches and NEMA Std.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

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

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

System 	Ampere Rating	Fuse Type Provision	Maximum Horsepower Ratings			NEMA 1 Enclosure Indoor		NEMA 3R Enclosure Rainproof	
			1-Phase AC		3-Phase AC	Part #	Price	Part #	Price
			120V	240V	240V				
	30	2	3	—	DG221UGB	35.20	DG221URB	47.28	
	60	3	10	—	DG222UGB		DG222URB	84.55	

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

System 	Ampere Rating	Fuse Type Provision	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	2	3	7-1/2	DG321UGB	39.69	DG321URB	72.13		
	60	3	10	15	DG322UGB	50.04				

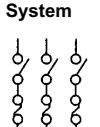
## WARNING!

Switch is not approved for service entrance unless a neutral kit is installed

## 600V AC Heavy Duty, Fusible, Single Throw

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

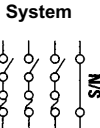
(suitable for service entrance use with a neutral or ground lug kit installed)

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	H	7-1/2	10	15	20	DH361FGK	110.40	DH361FRK	194.58
	60	H	20	25	30	50	DH362FGK	131.10	DH362FRK	227.70
	100	H	30	40	60	75	DH363FGK	255.30	DH363FRK	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

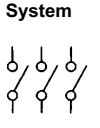
### 4-Wire (three blades, 3-fuses, S/N) 480V AC - 600V AC, 250V DC

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	H	7-1/2	10	15	20	DH361NGK	125.30	DH361NRK	207.00
	60	H	20	25	30	50	DH362NGK	153.18	DH362NRK	241.50
	100	H	30	40	60	75	DH363NGK	274.62	DH363NRK	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	Fuse Type Provision	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	3	7-1/2	10	10	20	30	60	5	DH361UGK	58.79	DH361URK	101.29
	60	10	20	25	20	50	60	10		DH362UGK	101.29	DH362URK	184.92

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