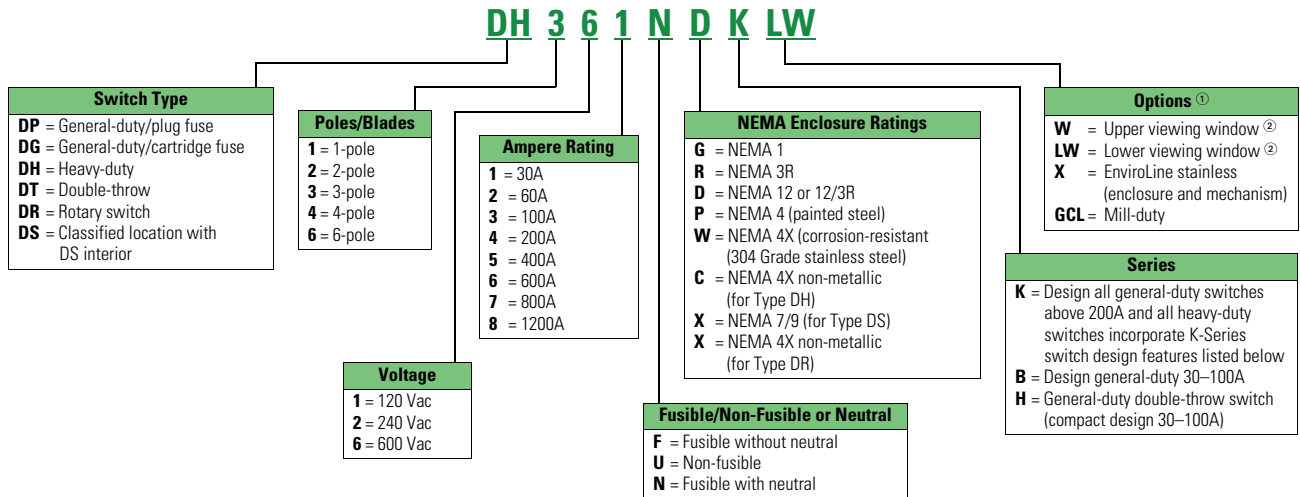


### Catalog Number Selection

#### Safety Switch



#### Notes

<sup>①</sup> See **Pages V2-T1-16 through V2-T1-19** for additional Flex Center options.

<sup>②</sup> Effective August 2003, 30–100A window switches are replaced by a full view window that allows blade position verification and blown fuse indication. See **Page V2-T1-39** for catalog numbers.

**This table is intended for use in breaking down existing catalog numbers. It is not intended for building new catalog numbers.**

A factory-installed ground lug is supplied on all NEMA 4, 4X and 12 safety switches, as well as all 400A and higher NEMA 1 and 3R safety switches. A factory-installed ground lug is also supplied on all heavy-duty NEMA 1 and 3R 30–200A switches that do NOT have a factory-installed neutral.

#### Cartridge Fuse General-Duty Safety Switch



### General Duty

#### Product Description

- 30–600A
- Suitable for service entrance applications unless otherwise noted
- Fusible and non-fusible switches are 100% load break and 100% load make rated
- The continuous load current of fusible switches is not to exceed 80% of the rating of fuses employed in other than motor circuits. Non-fusible switches are 100% fully rated
- 200–600A features K-Series design
- Horsepower rated

- Fusible and non-fusible switches. Single-pole S/N through four-wire; 120/240, and 240 Vac
- With Class R fuses, switches may be used on systems capable of delivering 100,000A rms symmetrical

**Note:** Plug fuse switches are not service entrance rated.

- Bolt-on hub provision. Provided for general-duty switches in a NEMA 3R enclosure. See **Page V2-T1-15** for selection

#### Application Description

For residential and commercial applications. Suitable for light-duty motor circuits and service entrance.

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### Features, Benefits and Functions

#### General-Duty (Cartridge Fuse)

- Ample wire bending space provides for easier installation
- Visible double-break quick-make, quick-break rotary blade mechanism
- Side opening door on all enclosures
- Mechanically interlocked cover to prevent easy access when the switch is in the ON position
- With Class R fuses, switches may be used on systems capable of delivering 100,000A rms symmetrical
- Clearly visible and accessible neutral where applicable
- Visible ON/OFF indication
- Tangential knockouts on 30–60A designs
- Ample wiring space
- Double padlocking capability on 30–100A
- Triple padlocking capability on 200–600A
- Additional door locking capability
- Bilingual English/Spanish door label on 30–100A
- Tri-lingual nameplates

## Product Selection

### 120/240 Vac General-Duty, Fusible, Single-Throw

DP221NGB



System	Ampere Rating	Fuse Type Provision	Maximum Horsepower Ratings <sup>①</sup>			DC 250V	NEMA 1 Enclosure Indoor Catalog Number	NEMA 3R Enclosure Rainproof Catalog Number
			Single-Phase AC 120V	240V	Three-Phase AC 240V			
<b>Plug Type—Two-Wire (One Blade, One Fuse, S/N)—120 Vac<sup>②</sup></b>								
	30	Plug (Type S, T or W)	1/2–2	—	—	—	DP111NGB <sup>②</sup>	—
<b>Plug Type—Three-Wire (Two Blades, Two Fuses, S/N)—120/240 Vac</b>								
	30	Plug (Type S, T or W)	1/2–2	1-1/2–3	—	—	DP221NGB <sup>②</sup>	Use cartridge-type fuse catalog number DG221NRB <sup>②</sup>
<b>Cartridge Type—Two-Pole Two-Wire (Two Blades, Two Fuses)—240 Vac</b>								
	30	—	—	1-1/2–3	3–7-1/2	—	③	③
	60	—	—	3–10	7-1/2–15	—	③	③
	100	—	—	7-1/2–15	15–30	—	③	③
	200	H	—	15	25–60	—	DG224FGK <sup>④⑤</sup>	DG224FRK <sup>④⑤</sup>
	400	H	—	—	50–125	—	DG225FGK <sup>④⑤</sup>	DG225FRK <sup>④⑤</sup>
	600	H	—	—	75–200	—	DG226FGK <sup>④⑤</sup>	DG226FRK <sup>④⑤</sup>
<b>Cartridge Type—Three-Wire (Two Blades, Two Fuses, S/N)—120/240 Vac</b>								
	30	H	—	1-1/2–3	3–7-1/2 <sup>⑥</sup>	—	DG221NGB <sup>②</sup>	DG221NRB <sup>②</sup>
	60	H	—	3–10	7-1/2–15 <sup>⑥</sup>	—	DG222NGB <sup>②</sup>	DG222NRB <sup>②</sup>
	100	H	—	7-1/2–15	15–30 <sup>⑥</sup>	—	DG223NGB <sup>②</sup>	DG223NRB <sup>②</sup>
	200	H	—	15	25–60 <sup>⑥</sup>	—	DG224NGK	DG224NRK
	400	H	—	—	50–125 <sup>⑥</sup>	50	DG225NGK	DG225NRK
	600	H	—	—	75–200 <sup>⑥</sup>	—	DG226NGK	DG226NRK

#### Notes

- ① Maximum hp ratings apply only when dual element time delay fuses are used.
- ② These switches do not have an interlock that prevents door from being opened when switch is in the ON position.
- ③ Use three-wire catalog numbers below.
- ④ Solid neutral bars are not included. Order separately from table on **Page V2-T1-14**.
- ⑤ **WARNING!** Switch is not approved for service entrance unless a neutral kit is installed.
- ⑥ Grounded B phase rating, UL listed.

All general-duty safety switches are individually packaged.

Accessories are limited in scope on general-duty safety switches. See **Page V2-T1-14** for availability. In addition, clear line shields are available as an accessory on 200–600A general-duty switches. Catalog Numbers: 200A = 70-7759-11, 400A = 70-8063-8, 600A = 70-8064-8.