

Product Selection

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Table 8-38. Safety Switch Catalog Numbering System

DH 3 6 1 N D K LW				
Switch Type DP = General-Duty/ Plug Fuse DG = General-Duty/ Cartridge Fuse DH = Heavy-Duty DT = Double Throw DR = Rotary Switch DS = Classified Location with DS Interior	Poles/Blades 1 = 1-Pole 2 = 2-Poles 3 = 3-Poles 4 = 4-Poles 6 = 6-Poles	Amperes 1 = 30 Amps 2 = 60 Amps 3 = 100 Amps 4 = 200 Amps 5 = 400 Amps 6 = 600 Amps 7 = 800 Amps 8 = 1200 Amps	NEMA Enclosure Ratings G = NEMA 1 R = NEMA 3R D = NEMA 12 or 12/3R P = NEMA 4 (Painted Steel) W = NEMA 4X Corrosion-Resistant (304 Grade Stainless Steel) C = NEMA 4X Non-Metallic (for Type DH) X = NEMA 7/9 (for Type DS) X = NEMA 4X Non-Metallic (for Type DR)	Options ① W ② = Upper Viewing Window LW ② = Lower Viewing Window X = EnviroLine Stainless (Enclosure and Mechanism) GCL = Mill-Duty
	Voltage 1 = 120 Vac 2 = 240 Vac 6 = 600 Vac	Fusible/Non-Fusible or Neutral F = Fusible without Neutral U = Non-Fusible N = Fusible with Neutral		Series K = Design All General-Duty Switches Above 200 Amperes and All Heavy-Duty Switches Incorporate K-Series Switch Design Features Listed Below B = Design General-Duty 30 – 100 Amperes H = General-Duty Double Throw Switch (Compact Design 30 – 100 Amperes)

① See Pages 8-8 through 8-11 for additional Flex Center options.

② Effective August 2003, 30 – 100 ampere window switches are replaced by a full view window which allows blade position verification and blown fuse indication. See Page 8-37 for catalog numbers.

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

Product Specifications

Table 8-24. Safety Switch Selection Guide

Type		Fuse Type		Fuse Class	Ampere Rating	Number of Poles	Enclosure Types						
							NEMA 1	NEMA 3R	NEMA 12	NEMA 4 Painted Steel	NEMA 4X Stainless Steel	NEMA 4X Non-Metallic	NEMA 7/9
General-Duty	Single Throw Max. 240 Vac Horsepower Rated	Fusible	Plug	—	30	1 and 2	YES	YES	—	—	—	—	—
			Cartridge	H	30 – 600	2 and 3	YES	YES	—	—	—	—	—
		Non-Fusible	—	—	30 – 600	2 and 3	YES	YES	—	—	—	—	—
Heavy-Duty	Single Throw Max. 600 Vac Horsepower Rated	Fusible	Cartridge	H L	30 – 600 800 – 1200	2, 3 and 4	YES Up to 1200 A	YES Up to 1200 A	YES ① Up to 1200 A	YES 400 – 800 A	YES Up to 1200 A	YES Up to 200 A	YES ② Up to 200 A
		Non-Fusible	—	—	30 – 1200	2, 3 and 4	YES	YES	YES ① Up to 1200 A	YES 400 – 800 A	YES Up to 1200 A	YES Up to 200 A	YES Up to 200 A
6-Pole Motor Circuit	Single Throw Max. 600 Vac	Fusible	Cartridge	H	30 – 200	6	—	YES	YES ①	—	YES	—	—
		Non-Fusible	—	—	30 – 200	6	—	YES	YES ①	—	YES	—	—
Double Throw	Max. 600 Vac Horsepower Rated	Fusible	Cartridge	H T (600 V) T (240 V)	30 – 200 400 600	2 and 3	YES Up to 600 A	YES Up to 400 A	—	—	—	—	—
		Non-Fusible	—	—	30 – 800	2, 3, 4 and 6	YES	YES	YES Up to 400 A	—	YES Up to 400 A	—	—
Rotary Switches	Max. 600 Vac	Non-Fusible	—	—	16 – 125	3, 4	YES	YES ①	YES ①	—	YES	YES	—

① NEMA Type 12 enclosures (30 – 800 amperes) can be field modified to meet NEMA 3R rainproof requirements when a factory provided drain screw is removed.

② Class J fuse clips provided.

Table 8-25. EnviroLine Safety Switch Selection Guide

EnviroLine	Fuse Type		Fuse Class	Ampere Rating	Number of Poles	Enclosure Types					
						NEMA 1	NEMA 3R	NEMA 12	NEMA 4 Painted Steel	NEMA 4X Stainless Steel	NEMA 4X Non-Metallic
Stainless Enclosure with Stainless Mechanism	Fusible	Cartridge	H	30 – 400	2 and 3	—	—	—	—	YES	—
	Non-Fusible	—	—	30 – 400	3	—	—	—	—	YES	—
Viewing Window Upper or Lower ③④⑤	Fusible	Cartridge	H L	30 – 600 800	3	—	—	YES ⑥	YES	YES	—
	Non-Fusible	—	—	30 – 800	3	—	—	YES ⑥	YES	YES	—
Receptacle	Fusible	Cartridge	H	30 – 100	3	—	—	YES	—	YES	—
	Non-Fusible	—	—	60	3	—	—	YES	—	YES	—
Non-Metallic	Fusible	Cartridge	H	30 – 200	3	—	—	—	—	—	YES
	Non-Fusible	—	—	30 – 200	3	—	—	—	—	—	YES

③ 800 ampere upper window switches are not UL listed.

④ Lower Window switches are available through 600 amperes.

⑤ 30 – 100 ampere switches provided with full view window.

⑥ NEMA Type 12 enclosures (30 – 800 amperes) can be field modified to meet NEMA 3R rainproof requirements when a factory provided drain screw is removed.