

Heavy-Duty, continued

Ampere Rating	Catalog Number Eaton	General Electric	Siemens	Square D
Non-Fusible, Four-Pole, Four-Wire, 600 Vac, NEMA 3R				
30	DH461UDK	THN6661	N/A	N/A
60	DH462UDK	THN6662	N/A	N/A
100	DH463UDK	THN6663	N/A	N/A
200	DH464UDK	THN6664	N/A	N/A
Fusible, Two-Pole, Two-Wire, 600 Vac, NEMA 4/4X Stainless Steel				
30	DH261FWK	TH2261SSDC	HF261S	H361DS
60	DH362FWK	TH2262SSDC	HF262S	H362DS
100	DH363FWK	TH2263SSDC	HF263S	H363DS
200	DH264FWK	N/A	N/A	H364DS
400	DH365FWK	N/A	HF265S	H265DS
600	DH366FWK	N/A	HF266S	H266DS
800	DH367FWK	N/A	N/A	N/A
Fusible, Three-Pole, Three-Wire, 600 Vac, NEMA 4/4X Stainless Steel				
30	DH361FWK	TH3361SS	HF361S	H361DS
60	DH362FWK	TH3362SS	HF362S	H362DS
100	DH363FWK	TH3363SS	HF363S	H363DS
200	DH364FWK	TH3364SS	HF364S	H364DS
400	DH365FWK	TH3365SS	HF365S	H365DS
600	DH366FWK	TH3366SS	HF366S	H366DS
800	DH367FWK	N/A	HF367S	N/A
Fusible, Three-Pole, Four-Wire, 600 Vac, NEMA 4/4X Stainless Steel				
30	DH361NWK	TH3361SS ①	HF361S ①	H361DS ①
60	DH362NWK	TH3362SS ①	HF362S ①	H362DS ①
100	DH363NWK	TH3363SS ①	HF363S ①	H363DS ①
200	DH364NWK	TH3364SS ①	HF364S ①	H364NDS
400	DH365NWK	TH3365SS ①	HF365S ①	H365NDS
600	DH366NWK	TH3366SS ①	HF366S ①	H366NDS
Non-Fusible, Two-Pole, Two-Wire, 600 Vac, NEMA 4/4X Stainless Steel				
30	DH361UWK	THN2261SSDC	HNF261S	HU361DS
60	DH362UWK	THN2262SSDC	HNF262S	HU362DS
100	DH363UWK	THN2263SSDC	HNF263S	HU363DS
200	DH364UWK	N/A	N/A	HU364DS
400	DH365UWK	N/A	HNF265S	HU265DS
600	DH366UWK	N/A	HNF266S	HU266DS
800	DH367UWK	N/A	N/A	N/A
Non-Fusible, Three-Pole, Three-Wire, 600 Vac, NEMA 4/4X Stainless Steel				
30	DH361UWK	THN3361SS	HNF361S	HU361DS
60	DH362UWK	THN3362SS	HNF362S	HU362DS
100	DH363UWK	THN3363SS	HNF363S	HU363DS
200	DH364UWK	THN3364SS	HNF364S	HU364DS
400	DH365UWK	THN3365SS	HNF365S	HU365DS
600	DH366UWK	THN3366SS	HNF366S	HU366DS
800	DH367UWK	N/A	HNF367S	N/A

Heavy-Duty, continued

Ampere Rating	Catalog Number Eaton	General Electric	Siemens	Square D
Non-Fusible, Four-Pole, Four-Wire, 600 Vac, NEMA 4/4X Stainless Steel				
30	DH461UWK	N/A	N/A	HU461DS
60	N/A	N/A	N/A	HU462DS
100	N/A	N/A	N/A	HU464DS
200	N/A	N/A	N/A	HU464DS
Fusible, Two-Pole, Two-Wire, 600 Vac, NEMA 12				
30	DH261FDK	TH2261JDC	HF261J	H361AWK
60	DH262FDK	TH2262JDC	HF262J	H362AWK
100	DH263FDK	TH2263JDC	HF263J	H363AWK
200	DH264FDK	N/A	N/A	H364AWK
400	DH265FDK	N/A	HF265J	H265AWK
600	DH266FDK	N/A	HF266J	H266AWK
800	DH267FDK	N/A	N/A	H267AWK
1200	N/A	N/A	N/A	H268AWK
Fusible, Three-Pole, Three-Wire, 600 Vac, NEMA 12				
30	DH361FDK	TH3361J	HF361J	H361AWK
60	DH362FDK	TH3362J	HF362J	H362AWK
100	DH363FDK	TH3363J	HF363J	H363AWK
200	DH364FDK	TH3364J	HF364J	H364AWK
400	DH365FDK	TH3365J	HF365J	H365AWK
600	DH366FDK	TH3366J	HF366J	H366AWK
800	DH367FDK	N/A	HF367J	H367AWK
1200	N/A	N/A	N/A	H368AWK
Fusible, Three-Pole, Four-Wire, 600 Vac, NEMA 12				
30	DH361NDK	THN3361J ①	HF361J ①	H361AWK ①
60	DH362NDK	THN3362J ①	HF362J ①	H362AWK ①
100	DH363NDK	THN3363J ①	HF363J ①	H363AWK ①
200	DH364NDK	THN3364J ①	HF364J ①	H364NAWK
400	DH365NDK	THN3365J ①	HF365J ①	H365NAWK
600	DH366NDK	THN3366J ①	HF366J ①	H366NAWK
800	DH367NDK	N/A	HF367J ①	H367NAWK
1200	N/A	N/A	N/A	H368NAWK
Fusible, Four-Pole, Four-Wire, 600 Vac, NEMA 12				
30	N/A	TH6661	N/A	H461AWK
60	N/A	TH6662	N/A	H462AWK
100	DH463FDK	TH6663	N/A	H463AWK
200	DH464FDK	TH6664	N/A	H464AWK
400	N/A	N/A	N/A	H465AWK

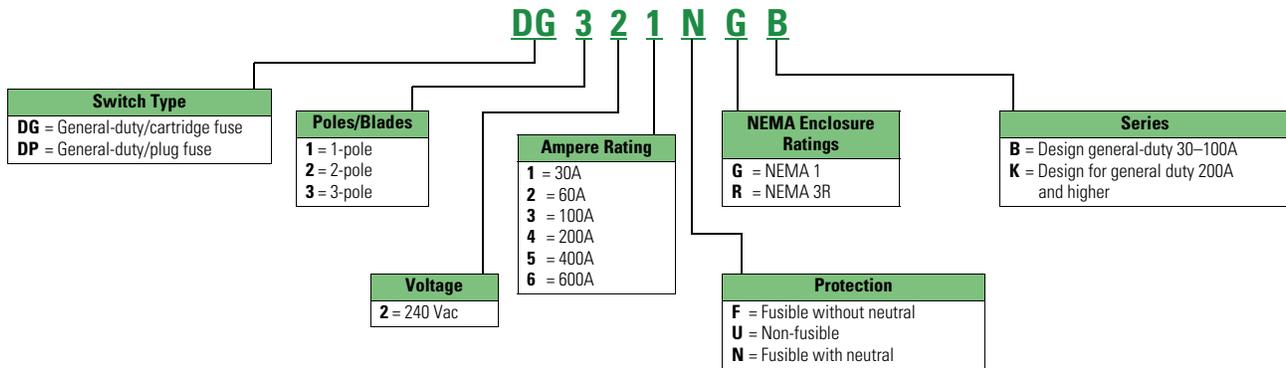
Notes

① Separate neutral kit required.

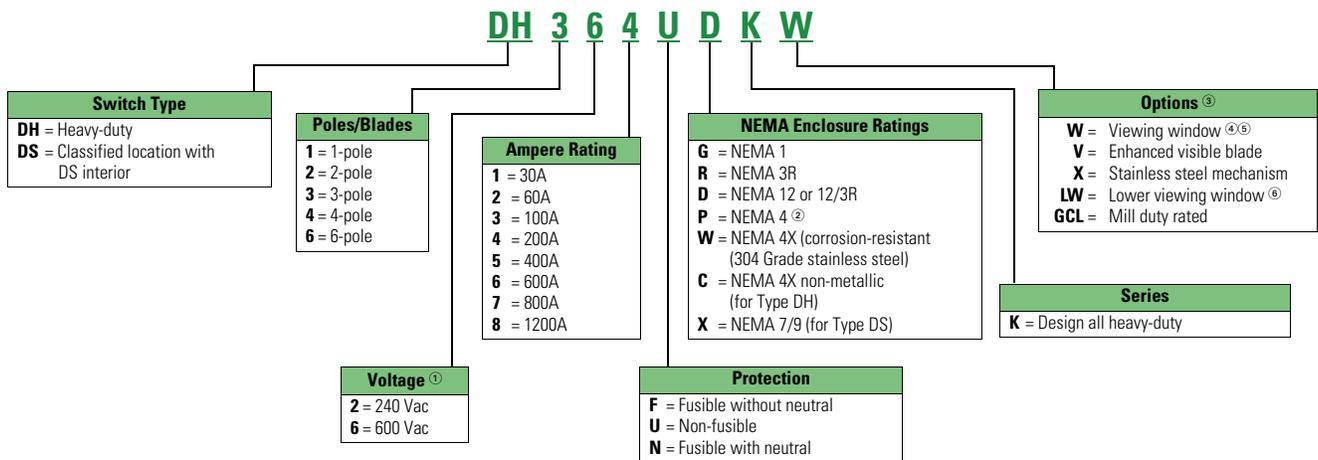
Always verify the number of poles and wires required since catalog numbers may appear in multiple tables.

Catalog Number Selection

General-Duty



Heavy-Duty



Notes

- ① For DC ratings, check individual switch ratings.
- ② Only available for 400A and higher safety switches.
- ③ See Modifications-Flex Center for additional available options.
- ④ All window switches feature enhanced visible blade design as standard.
- ⑤ Only available in NEMA 12/3R and NEMA 4X enclosures.
- ⑥ Only available in 200 to 1200A NEMA 12/3R and NEMA 4X enclosures.

These tables are intended for use in breaking down existing catalog numbers. They are not intended for building new catalog numbers.

A factory-installed ground lug is supplied in all heavy-duty safety switches.

Heavy-Duty Safety Switch



Heavy-Duty

Product Description

- 30–1200A
- 600 Vac, 600 Vdc maximum
- Horsepower rated
- 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
- Suitable for service entrance applications unless otherwise noted
- For factory modifications, refer to **Page V2-T1-15**

Application Description

For heavy commercial and industrial applications where reliable performance and service continuity are critical.

For the toughest heavy commercial and industrial applications, refer to **Page V2-T1-77** for catalog information on our mill-duty safety switch.

316 Grade stainless steel is often a desirable choice for wastewater treatment plants and petrochemical facilities.

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Flange Mounted—Fixed Depth	V2-T1-109

Features, Benefits and Functions

- Deionizing arc chutes; arc chutes confine and suppress the arcs produced by opening contacts under load
- Mechanically interlocked cover to prevent easy access when the switch is in the ON position
- Clearly visible palm fitting red handle
- Premium 316-Grade stainless steel enclosures offer better corrosion resistance in the presence of most chemicals, salts and acids, and is more resistant to marine atmospheres
- Visible double-break quick-make, quick-break blades
- Visible ON/OFF indication
- 30–1200A NEMA 12 designs convertible to NEMA 3R by opening factory-installed drain hole
- Tri-lingual nameplates

Standards and Certifications

- UL listed File No. E5239
- Meets UL 98 for enclosed switches and NEMA Std. KS-1

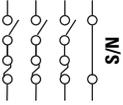
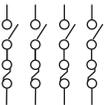


Seismic Qualifications

- Heavy-duty switches exceed the requirements of Uniform Building Code (UBC) and California Code Title 24 OSP-0011-10, OSP-0012-10



600 Vac Heavy-Duty, Fusible, Single-Throw, 277/480–600V—NEMA 4, 4X, 4X 316 Stainless-Steel

System	Ampere Rating	Fuse Class Provision	Maximum Horsepower Ratings with Time Delay Fuses						NEMA 4 Enclosure Watertight, Painted Steel Catalog Number	NEMA 4X Enclosure Corrosion-Resistant, Stainless Steel Catalog Number	NEMA 4X Enclosure Corrosion-Resistant, 316-Grade Stainless Steel Catalog Number
			Single-Phase AC		Three-Phase AC		DC				
			480V	600V	480V	600V	250V	600V			
Two-Pole—480 Vac—600 Vac or Vdc ^① (Suitable for Service Entrance Use with a Neutral Kit Installed)											
	30	H	7-1/2	10	—	—	—	15	—	DH261FWK ^②	DH261FWK316 ^②
	60	H	20	25	—	—	—	25	—	③ or ④	③ or ④
	100	H	30	40	—	—	20	—	—	③ or ④	③ or ④
	200	H	50	50	—	—	—	50	—	DH264FWK	DH264FWK316
	400	H	—	—	—	—	50	—	④	③ or ④	③ or ④
	600	H	—	—	—	—	—	—	④	③ or ④	③ or ④
	800	L	—	—	—	—	—	—	④	③ or ④	③ or ④
	1200	L	—	—	—	—	—	—	—	④	③
Three-Pole—480 Vac—600 Vac, 250 Vdc (Suitable for Service Entrance Use with a Neutral Kit Installed)											
	30	H	7-1/2	10	15	20	—	—	—	DH361FWK ^②	DH361FWK316 ^②
	60	H	20	25	30	50	—	—	—	DH362FWK	DH362FWK316
	100	H	30	40	60	75	—	—	—	DH363FWK	DH363FWK316
	200	H	50	50	125	150	—	—	—	DH364FWK	DH364FWK316
	400	H	—	—	250	350	—	—	DH365FPK	DH365FWK	DH365FWK316
	600	H	—	—	400	500	—	—	DH366FPK	DH366FWK	DH366FWK316
	800	L	—	—	500	500	—	—	DH367FPK	DH367FWK	DH367FWK316
	1200	L	—	—	500	500	—	—	—	DH368FWK ^⑤	DH368FWK316 ^⑤
Four-Wire (Three Blades, Three Fuses, S/N) 480 Vac—600 Vac, 250 Vdc											
	30	H	7-1/2	10	15	20	—	—	—	DH361NWK ^②	DH361NWK316 ^②
	60	H	20	25	30	50	—	—	—	DH362NWK	DH362NWK316
	100	H	30	40	60	75	—	—	—	DH363NWK	DH363NWK316
	200	H	50	50	125	150	—	—	—	DH364NWK	DH364NWK316
	400	H	—	—	250	350	—	—	DH365NPK	DH365NWK	DH365NWK316
	600	H	—	—	400	500	—	—	DH366NPK	DH366NWK	DH366NWK316
	800	L	—	—	500	500	—	—	—	DH367NWK ^③	③
	1200	L	—	—	500	500	—	—	—	DH368NWK ^⑤	DH368NWK316 ^⑤
Four-Pole—480 Vac—600 Vac, 250 Vdc											
	30	H	20 ^⑥	25 ^⑥	15	20	—	—	—	③	③
	60	H	40 ^⑥	50 ^⑥	30	50	—	—	—	③	③
	100	H	50 ^⑥	50 ^⑥	60	75	—	—	—	③	③
	200	H	—	—	125	150	40	—	—	③	③
	400	H	—	—	250	350	50	—	—	③	③
	600	H	—	—	400	500	—	—	—	③	③
	800	L	—	—	—	—	—	—	—	③	③

Notes

- ① DC rating for 800A switches is 250V.
- ② 30A heavy-duty switches with Type J fuse provisions are available from the factory only.
- ③ Contact the Safety Switch Flex Center (1-888-329-9272 or FlexSwitches@eaton.com) for availability of this product.
- ④ Use three-pole catalog numbers below for 600 Vac, 250 Vdc maximum applications.
- ⑤ NOT suitable for service entrance use per NEC 215.10 and 230.95.
- ⑥ Ratings are for two-phase AC.