

Heavy-Duty, continued

Ampere Rating	Catalog Number Eaton	General Electric	Siemens	Square D
Fusible, Two-Pole, Two-Wire, 600 Vac, NEMA 1				
30	DH261FGK	TH2261DC	HF261	H361
60	DH262FGK	TH2262DC	HF262	H362
100	DH263FGK	TH2263DC	HF263	H363
200	DH264FGK	N/A	N/A	H364
400	DH265FGK	N/A	HF265	H265
600	DH266FGK	N/A	HF266	H266
800	DH267FGK	N/A	N/A	H267
1200	N/A	N/A	N/A	H268
Fusible, Three-Pole, Three-Wire, 600 Vac, NEMA 1				
30	DH361FGK	TH3361	HF361	H361
60	DH362FGK	TH3362	HF362	H362
100	DH363FGK	TH3363	HF363	H363
200	DH364FGK	TH3364	HF364	H364
400	DH365FGK	TH3365	HF365	H365
600	DH366FGK	TH3366	HF366	H366
800	DH367FGK	TC72367	HF367	H367
1200	DH368FGK	TC72368	HF368	H368
Fusible, Three-Pole, Four-Wire, 600 Vac, NEMA 1				
30	DH361NGK	TH3361 ①	HF361N	H361N
60	DH362NGK	TH3362 ①	HF362N	H362N
100	DH363NGK	TH3363 ①	HF363N	H363N
200	DH364NGK	TH3364 ①	HF364N	H364N
400	DH365NGK	TH3365 ①	HF365N	H365N
600	DH366NGK	TH3366 ①	HF366N	H366N
800	DH367NGK	TC72367 ①	HF367N	H367N
1200	DH368NGK	TC72368 ①	HF368 ①	H368N
Fusible, Four-Pole, Four-Wire, 600 Vac, NEMA 1				
30	DH461FGK	TH6661	N/A	H461
60	DH462FGK	TH6662	N/A	H462
100	DH463FGK	TH6663	N/A	H463
200	DH464FGK	TH6664	N/A	H464
400	DH465FGK	N/A	N/A	H465
600	DH466FGK	N/A	N/A	H466
Non-Fusible, Two-Pole, Two-Wire, 600 Vac, NEMA 1				
30	DH261UGK	THN2261DC	HN261	HU361
60	DH362UGK	THN2262DC	HN262	HU362
100	DH263UGK	THN2263DC	HN263	HU363
200	DH364UGK	N/A	N/A	HU364
400	DH265UGK	N/A	HN265	HU265
600	DH266UGK	N/A	HN266	HU266
800	DH267UGK	N/A	N/A	HU267
1200	N/A	N/A	N/A	HU268

Heavy-Duty, continued

Ampere Rating	Catalog Number Eaton	General Electric	Siemens	Square D
Non-Fusible, Four-Pole, Four-Wire, 600 Vac, NEMA 1				
30	DH461UGK	THN6661	N/A	HU461
60	DH462UGK	THN6662	N/A	HU462
100	DH463UGK	THN6663	N/A	HU463
200	DH464UGK	THN6664	N/A	HU464
400	DH465UGK	N/A	N/A	HU465
600	DH466UGK	N/A	N/A	HU466
Fusible, Two-Pole, Two-Wire, 600 Vac, NEMA 3R				
30	DH361FRK	TH2261RDC	HF261R	H361RB
60	DH362FRK	TH2262RDC	HF262R	H362RB
100	DH363FRK	TH2263RDC	HF263R	H363RB
200	DH364FRK	N/A	N/A	H364RB
400	DH365FRK	N/A	N/A	H265R
600	DH366FRK	N/A	HF265R	H266R
800	DH367FRK	N/A	HF266R	H267R
1200	DH368FRK	N/A	N/A	H268R
Fusible, Three-Pole, Three-Wire, 600 Vac, NEMA 3R				
30	DH361FRK	TH3361R	HF361R	H361RB
60	DH362FRK	TH3362R	HF362R	H362RB
100	DH363FRK	TH3363R	HF363R	H363RB
200	DH364FRK	TH3364R	HF364R	H364RB
400	DH365FRK	TH3365R	HF365R	H365R
600	DH366FRK	TH3366R	HF366R	H366R
800	DH367FRK	TC72367R	HF367R	H367R
1200	DH368FRK	TC72368R	HF368R	H368R
Fusible, Three-Pole, Four-Wire, 600 Vac, NEMA 3R				
30	DH361NRK	TH3361R ①	HF361NR	H361NRB
60	DH362NRK	TH3362R ①	HF362NR	H362NRB
100	DH363NRK	TH3363R ①	HF363NR	H363NRB
200	DH364NRK	TH3364R ①	HF364NR	H364NRB
400	DH365NRK	TH3365R ①	HF365NR	H365NR
600	DH366NRK	TH3366R ①	HF366NR	H366NR
800	DH367NRK	TC72367R ①	HF367NR	H367NR
1200	DH368NRK	TC72368R ①	HF368R	H368NR
Non-Fusible, Three-Pole, Three-Wire, 600 Vac, NEMA 3R				
30	DH361URK	THN2261RDC	HN261R	HU361RB
60	DH362URK	THN2262RDC	HN262R	HU362RB
100	DH363URK	THN2263RDC	HN263R	HU363RB
200	DH364URK	N/A	N/A	HU364RB
400	DH365URK	N/A	HN265R	HU265R
600	DH366URK	N/A	HN266R	HU266R
800	DH367URK	N/A	N/A	HU267R
1200	DH368URK	N/A	N/A	HU268R

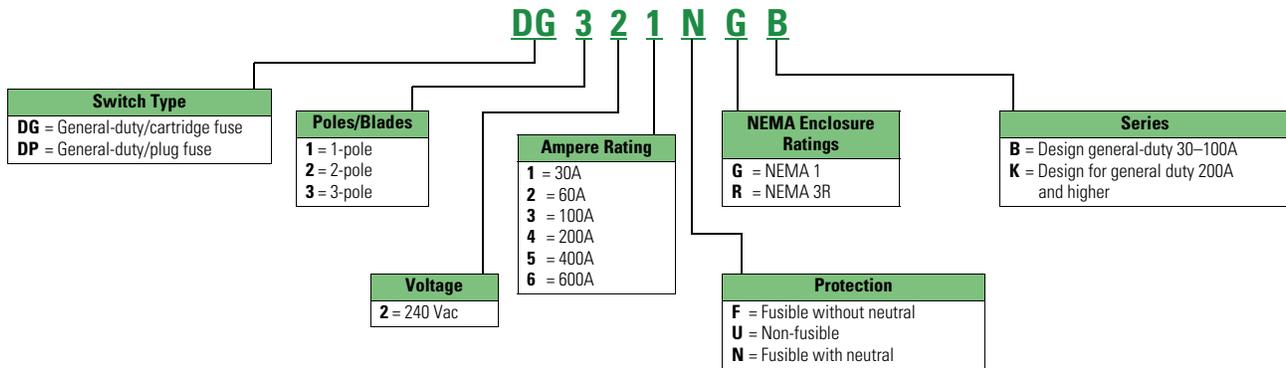
Notes

① Separate neutral kit required.

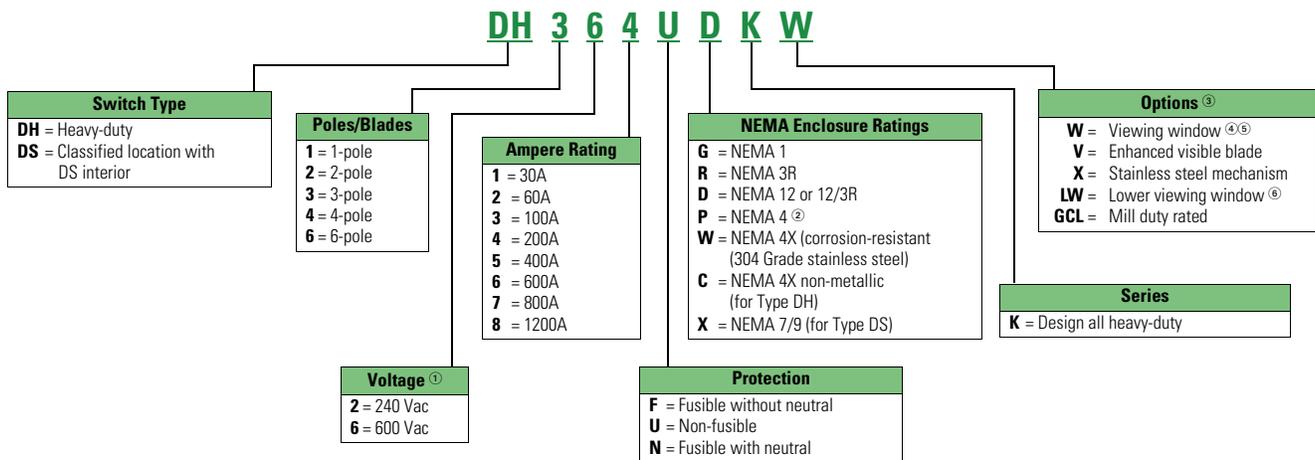
Always verify the number of poles and wires required since catalog numbers may appear in multiple tables.

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.

Contents

<i>Description</i>	<i>Page</i>
Product Overview	V2-T1-2
General Duty	V2-T1-25
Heavy-Duty	
Standards and Certifications	V2-T1-30
Product Selection	V2-T1-32
Dimensions	V2-T1-38
Heavy-Duty Double Door Safety Switch	V2-T1-39
Six-Pole Switches	V2-T1-43
Double-Throw Switches	V2-T1-46
EnviroLine Stainless Steel Switch	V2-T1-53
Window Switches	V2-T1-57
Receptacle Switches	V2-T1-60
Non-Metallic KRYDON Switch	V2-T1-62
Shunt Trip Safety Switch	V2-T1-65
NEMA 7/9—Hazardous Location Disconnect Switch	V2-T1-68
Quick-Connect Switches	V2-T1-70
Solar Disconnect Switch	V2-T1-75
Mill-Duty Rated, Heavy-Duty Safety Switch	V2-T1-77
Heavy-Duty Fusible Safety Switches Accepting CUBEFuses	V2-T1-79
Elevator Control Switch	V2-T1-82
Auxiliary Power Heavy-Duty Safety Switch	V2-T1-85
Left-Handed Safety Switch	V2-T1-89
Heavy-Duty Surge Switch	V2-T1-90
OEM Line Isolation (OLI) Switch	V2-T1-92
Pringle Bolted Pressure Switch	V2-T1-95
Type DS, Fusible and Non-Fusible	V2-T1-98
Type Visi-Flex DE-ION	V2-T1-101
Flange Mounted—Variable Depth	V2-T1-105
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

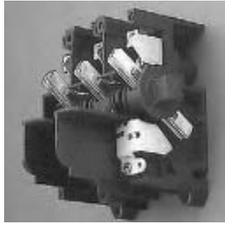
- UL listed File No. E5239
- Meets UL 98 for enclosed switches and NEMA Std. KS-1



Seismic Qualifications

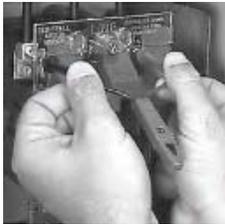
- Heavy-duty switches exceed the requirements of Uniform Building Code (UBC) and California Code Title 24 OSP-0011-10, OSP-0012-10





Visible Double-Break Rotary Blade Mechanism

- Two points of contact provide a positive open and close, easier operation, and also help prevent contact burning for longer contact life



Clear Line Shield

- Protects against accidental contact with energized parts. Probe holes enable the user to test if the line side is energized without removing the shield. Not typically provided on general-duty switches, but available as a field kit or factory installed



Built-In Fuse Pullers (NEMA 12 and 4X 30–200A Only)

- Provide easy removal of fuses



Clearly Visible Handle

- The position (ON or OFF) can be clearly seen from a distance and the length provides for easy operation



Triple Padlocking Capability

- Personnel safety feature because the large hasp can accommodate up to three 3/8-inch (9.5 mm) shank locks



Additional Locking Capability

- Cabinet door can be further padlocked at the top and bottom as applicable



Interlocking Mechanism

- Door cannot be opened when the handle is in the ON position. Front and side operable defeater mechanism provides for user access when necessary on single-throw switches



Tangential Knockouts

- An ample number are provided on the top, bottom and sides of both NEMA Types 1 and 3R enclosures through 200A



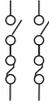
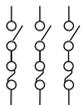
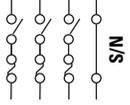
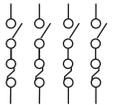
Bolt-On Hub Kits

- For switches in a NEMA Type 3R, 30–200A. Use a Myers type hub for all others

DH362NRK



600 Vac Heavy-Duty, Fusible, Single-Throw, 277/480–600V—NEMA 1, 3R, 12/3R

System	Ampere Rating	Fuse Class Provision	Maximum Horsepower Ratings with Time Delay Fuses						NEMA 1 Enclosure Indoor Catalog Number	NEMA 3R Enclosure Rainproof Catalog Number	NEMA 12/3R ^① Enclosure Industrial, Dust-Tight Catalog Number
			Single-Phase AC		Three-Phase AC		DC				
			480V	600V	480V	600V	250V	600V			
Two-Pole—480 Vac—600 Vac or Vdc^② (Suitable for Service Entrance Use with a Neutral Kit Installed)											
	30	H	7-1/2	10	—	—	—	15	DH261FGK ^③	DH261FRK ^③	DH261FDK ^③
	60	H	20	25	—	—	—	25	DH262FGK	DH262FRK	DH262FDK
	100	H	30	40	—	—	20	25	DH263FGK	DH263FRK	DH263FDK
	200	H	50	50	—	—	40	50	DH264FGK	DH264FRK	DH264FDK
	400	H	—	—	—	—	50	—	DH265FGK	DH265FRK	DH265FDK
	600	H	—	—	—	—	50	—	DH266FGK	DH266FRK	DH266FDK
	800	L	—	—	—	—	—	—	DH267FGK	DH267FRK	DH267FDK
	1200	L	—	—	—	—	—	—	④	—	④
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	—	—	DH361FGK ^③	DH361FRK ^③	DH361FDK ^③
	60	H	20	25	30	50	—	—	DH362FGK	DH362FRK	DH362FDK
	100	H	30	40	60	75	—	—	DH363FGK	DH363FRK	DH363FDK
	200	H	50	50	125	150	—	—	DH364FGK	DH364FRK	DH364FDK
	400	H	—	—	250	350	—	—	DH365FGK	DH365FRK	DH365FDK
	600	H	—	—	400	500	—	—	DH366FGK	DH366FRK	DH366FDK
	800	L	—	—	500	500	—	—	DH367FGK	DH367FRK	DH367FDK
	1200	L	—	—	500	500	—	—	DH368FGK ^⑥	DH368FRK ^⑥	DH368FDK ^⑥
Four-Wire (Three Blades, Three Fuses, S/N) 480 Vac—600 Vac, 250 Vdc											
	30	H	7-1/2	10	15	20	—	—	DH361NGK ^③	DH361NRK ^③	DH361NDK ^③
	60	H	20	25	30	50	—	—	DH362NGK	DH362NRK	DH362NDK
	100	H	30	40	60	75	—	—	DH363NGK	DH363NRK	DH363NDK
	200	H	50	50	125	150	—	—	DH364NGK	DH364NRK	DH364NDK
	400	H	—	—	250	350	—	—	DH365NGK	DH365NRK	DH365NDK
	600	H	—	—	400	500	—	—	DH366NGK	DH366NRK	DH366NDK
	800	L	—	—	500	500	—	—	DH367NGK	DH367NRK	④
	1200	L	—	—	500	500	—	—	DH368NGK ^⑥	DH368NRK ^⑥	DH368NDK ^⑥
Four-Pole—480 Vac—600 Vac, 250 Vdc^⑥											
	30	H	20 ^⑤	25 ^⑤	15	20	—	—	DH461FGK ^③	①	④
	60	H	40 ^⑤	50 ^⑤	30	50	—	—	DH462FGK	①	④
	100	H	50 ^⑤	50 ^⑤	60	75	—	—	DH463FGK	①	DH463FDK
	200	H	—	—	125	150	40	—	DH464FGK	①	DH464FDK
	400	H	—	—	250	350	50	—	DH465FGK	①④	④
	600	H	—	—	400	500	—	—	DH466FGK	①④	④
	800	L	—	—	—	—	—	—	③	①④	④

Notes

- ① NEMA 12 enclosures (30–1200A) can be field modified to meet NEMA 3R rainproof requirements when a factory provided drain hole is opened.
- ② DC rating for 800A switches is 250V.
- ③ 30A heavy-duty switches with Type J fuse provisions are available from the factory only.
- ④ Contact the Safety Switch Flex Center (1-888-329-9272 or FlexSwitches@eaton.com) for availability of this product.
- ⑤ Ratings are for two-phase AC.
- ⑥ NOT suitable for service entrance use per NEC 215.10 and 230.95.