

Product Overview

Product Selection Guide

Safety Switch

Switch Type	NEMA Rating	Fused/non-fused	Number of Poles				
			1	2	3	4	6
Heavy-duty single-throw	NEMA 1	Fused and non-fused ^①	—	30–800A	30–1200A	30–600A	—
	NEMA 3R	Fused and non-fused ^②	30–600A	30–800A	30–1200A	—	—
	NEMA 12/3R	Fused and non-fused ^{①②}	30–600A	30–800A	30–1200A	30–600A	30–200A
	NEMA 4	Fused and non-fused	—	400–800A	400–800A	—	—
	NEMA 7/9	Fused and non-fused ^③	—	—	30–100A	—	—
	NEMA 4X Non-Metallic	Fused and non-fused ^③	—	—	30–200A	—	—
	NEMA 4X stainless-steel (304 or 316 grade)	Fused and non-fused ^{①②}	30–600A	30–800A	30–1200A	30–600A	30–200A
General-duty single-throw	NEMA 1	Plug fuse	30A	30A	—	—	—
	NEMA 1 and 3R	Fused	—	30–600A	30–600A	—	—
	NEMA 1	Non-fused	—	30–100A	30–600A	—	—
	NEMA 3R	Non-fused	—	30–200A	30–600A	—	—
Heavy-duty double-throw	NEMA 1	Fused	—	200A	30–1200A	—	—
	NEMA 3R	Fused ^④	—	200A	100–1200A	—	—
	NEMA 12	Fused	—	—	30–400A	—	—
	NEMA 4X stainless-steel (304 or 316 grade)	Fused	—	—	30–400A	—	—
	NEMA 1	Non-fused	—	30–1200A	30–1200A	200–800A	—
	NEMA 3R	Non-fused ^④	—	200–1200A	30–1200A	30–800A	30–100A
	NEMA 12	Non-fused	—	—	30–800A	—	—
	NEMA 4X stainless-steel (304 or 316 grade)	Non-fused	—	—	30–800A	—	—
General-duty double-throw	NEMA 3R	Non-fused	—	30–400A	—	—	—
Shunt trip safety switches	NEMA 1, 3R, 4, and 12	Fused and non-fused	—	30–800A	30–800A	30–400A	—
Window switches	NEMA 12/3R and 4X stainless-steel (304 or 316 grade)	Fused and non-fused ^①	—	30–1200A	30–1200A	30–600A	30–200A
Enviroline stainless-steel switch	NEMA 4X (304 or 316 grade)	Fused and non-fused ^⑤	—	30–400A	30–400A	—	—
Mill Duty Switches	NEMA 12/3R and 4X stainless-steel (304 or 316 grade)	Fused and non-fused	—	30–600A	30–600A	—	—
Quick connect double-throw	NEMA 1 and 3R	Fused and non-fused ^④	—	100–1200A	100–1200A	100–1200A	—
Quick connect single-throw	NEMA 1 and 3R	Fused and non-fused ^④	—	100–1200A	100–1200A	100–1200A	—
Elevator control switches	NEMA 1, 3R, 4, and 12	Fused	—	—	30–400A	—	—
OEM Line Isolation Switches (OLI)	NEMA 12/3R and 4X stainless-steel (304 or 316 grade)	Fused and non-fused	—	30–400A	30–400A	—	—
Receptacle switches	NEMA 12/3R and 4X stainless-steel (304 or 316 grade)	Fused and non-fused ^⑥	—	—	30–100A	—	—
Auxiliary power switch	NEMA 3R	Fused and non-fused ^④	—	—	30–200A	—	—
Left-handed switches	NEMA 1, 3R, 12, and 4X stainless-steel (304 or 316 grade)	Fused and non-fused ^⑦	—	—	30–200A	—	—
Heavy-duty CUBEFuse®	NEMA 1	Fused	—	—	30–100A	30–100A	—
	NEMA 3R	Fused	—	—	30–100A	—	—
	NEMA 12/3R	Fused	—	—	30–100A	100A	—
	NEMA 4X stainless-steel (304 or 316 grade)	Fused	—	—	30–100A	—	—
Surge switches	NEMA 12/3R and 4X stainless-steel (304 or 316 grade)	Fused and non-fused	—	30–1200A	30–1200A	—	—
Heavy-duty double door	NEMA 12/3R and 4X stainless-steel (304 or 316 grade)	Fused	—	30–1200A	30–1200A	—	—
Enclosed rotary	NEMA 1, 12/3R, NEMA 4X stainless-steel	Non-fused	—	—	16–80A	16–80A	—
	NEMA 4X non-metallic	Non-fused	—	—	16–80A	16–80A	—
	NEMA 4X polycarbonate non-metallic	Non-fused	—	—	30A and 60A	16–80A	—

Notes

① 400–800A 6-pole, and 800A 4-pole heavy-duty, single-throw switches are non-UL Listed and available.

② Single-pole product is the single circuit 600 Vdc switch series.

③ No viewing windows or other enclosure modifications are available with this product.

④ NEMA 3R stainless versions are available and are UL Listed.

⑤ Enviroline stainless-steel switches have stainless-steel enclosures, sub pans, handles, and mechanisms.

⑥ Switches with non-standard receptacles or at higher amperages are non-UL Listed and available.

⑦ All left-handed switches are non-UL Listed. Higher amperages are not available.

Heavy-Duty

Ampere Rating	Catalog Number Eaton	General Electric	Siemens	Square D
Fusible, Two-Pole, Two-Wire, 240 Vac, NEMA 1				
30	DH221FGK	TH3221	N/A	H221N
60	DH222NGK	TH3222	N/A	H222N
100	DH223NGK	TH3223	N/A	H223N
200	DH224NGK	TH3224	N/A	H224N
400	DH225FGK	TH3225	N/A	H225
600	DH226FGK	TH3226	N/A	H226
800	DH227FGK	TC72267	N/A	H227
1200	DH328FGK	TC72268	N/A	H228
Fusible, Two-Pole, Three-Wire, 240 Vac, NEMA 1				
30	DH221NGK	TH3221	HF221N	H221N
60	DH222NGK	TH3222	HF222N	H222N
100	DH223NGK	TH3223	HF223N	H223N
200	DH224NGK	TH3224	HF224N	H224N
400	DH225NGK	TH3225	HF225N	H225N
600	DH226NGK	TH3226	HF226N	H226N
800	DH227NGK	TC72267 ①	HF227N	H227N
1200	DH328NGK	TC72268 ①	HF228N	H228N
Fusible, Three-Pole, Three-Wire, 240 Vac, NEMA 1				
30	DH321FGK	TH4321	N/A	H321N
60	DH322FGK	TH4322	N/A	H322N
100	DH323FGK	TH4323	N/A	H323N
200	DH324FGK	TH4324	N/A	H324N
400	DH325FGK	TH3325	N/A	H325
600	DH326FGK	TH3326	N/A	H326
800	DH327FGK	TC72367	N/A	H327
1200	DH328FGK	TC72368	N/A	H328
Fusible, Three-Pole, Four-Wire, 240 Vac, NEMA 1				
30	DH321NGK	TH4321	HF321N	H321N
60	DH322NGK	TH4322	HF322N	H322N
100	DH323NGK	TH4323	HF323N	H323N
200	DH324NGK	TH4324	HF324N	H324N
400	DH325NGK	TH4325	HF325N	H325N
600	DH326NGK	TH4326	HF326N	H326N
800	DH327NGK	TC72367 ①	HF327N	H327N
1200	DH328NGK	TC72368 ①	HF328N	H328N
Fusible, Four-Pole, Four-Wire, 240 Vac, NEMA 1				
30	DH421FGK	N/A	F421	H461 ②
60	DH422FGK	N/A	F422	H462 ②
100	DH423FGK	N/A	F423	H463 ②
200	DH424FGK	N/A	F424	H464 ②
400	DH425FGK	N/A	F425	H465 ②
600	DH426FGK	N/A	F426	H466 ②

Heavy-Duty, continued

Ampere Rating	Catalog Number Eaton	General Electric	Siemens	Square D
Non-Fusible, Three-Pole, Three-Wire, 240 Volt/600 Vac, NEMA 1				
30	DH361UGK	THN3361	HNF361	HU361
60	DH362UGK	THN3362	HNF362	HU362
100	DH363UGK	THN3363	HNF363	HU363
200	DH364UGK	THN3364	HNF364	HU364
400	DH365UGK	THN3365	HNF365	HU365
600	DH366UGK	THN3366	HNF366	HU366
800	DH367UGK	TC36367	HNF367	HU367
1200	DH368UGK	TC36368	HNF368	HU368
Fusible, Three-Pole, Two-Wire, 240 Vac, NEMA 3R				
30	DH221NRK	TH3221R	N/A	H221NRB
60	DH222NRK	TH3222R	N/A	H222NRB
100	DH223NRK	TH3223R	N/A	H223NRB
200	DH224NRK	TH3224R	N/A	H224NRB
400	DH225FRK	TH3225R	N/A	H225R
600	DH226FRK	TH3226R	N/A	H226R
800	DH227NRK	TC72267R	N/A	H227R
1200	DH328FRK	TC72268R	N/A	H228R
Fusible, Two-Pole, Three-Wire, 240 Vac, NEMA 3R				
30	DH221NRK	TH3221R	HF221NR	H221NRB
60	DH222NRK	TH3222R	HF222NR	H222NRB
100	DH223NRK	TH3223R	HF223NR	H223NRB
200	DH224NRK	TH3224R	HF224NR	H224NRB
400	DH225NRK	TH3225R	HF225NR	H225NR
600	DH226NRK	TH3226R	HF226NR	H226NR
800	DH227NRK	TC72267R ①	HF227NR	H227NR
1200	DH328NRK	TC72268R ①	HF228NR	H228NR
Fusible, Three-Pole, Three-Wire, 240 Vac, NEMA 3R				
30	DH321FRK	TH4321R	N/A	H321NRB
60	DH322FRK	TH4322R	N/A	H322NRB
100	DH323FRK	TH4323R	N/A	H323NRB
200	DH324FRK	TH4324R	N/A	H324NRB
400	DH325FRK	TH3325R	N/A	H325NR
600	DH326FRK	TH3326R	N/A	H326NR
800	DH327FRK	TC72367R	N/A	H327NR
1200	DH328FRK	TC72368R	N/A	H328NR

Notes

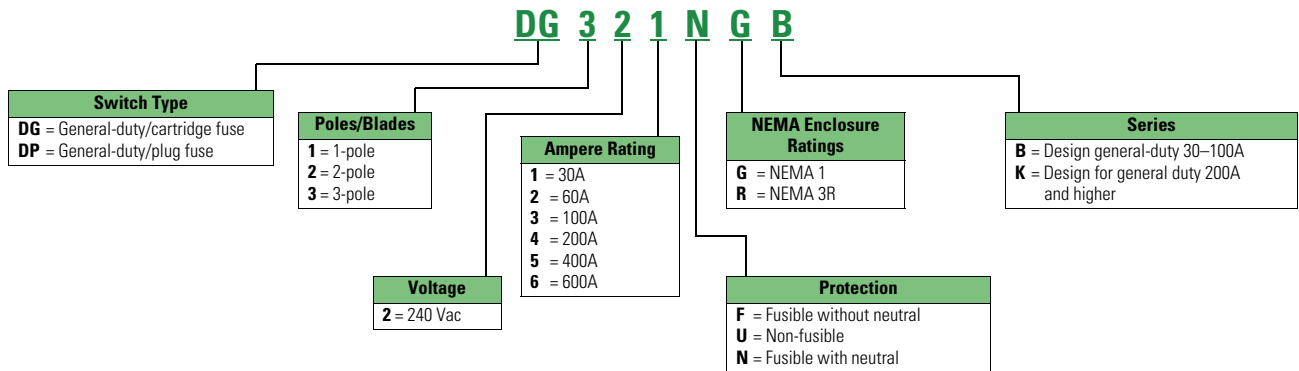
① Separate neutral kit required.

② 600V switch.

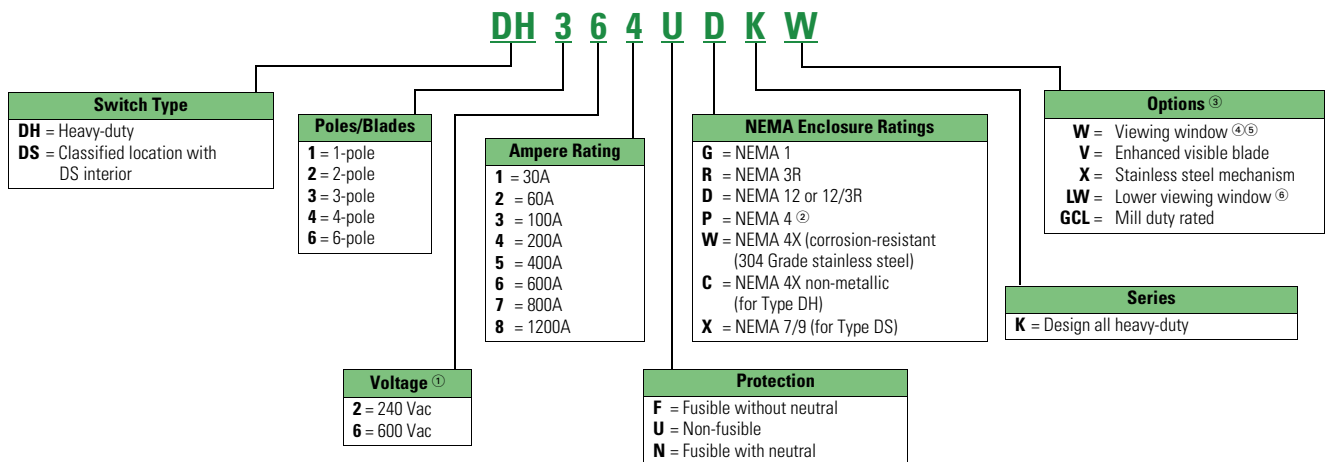
Always verify the number of poles and wires required since catalog numbers may appear in multiple tables.

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.