

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, continued

Ampere Rating	Catalog Number Eaton	General Electric	Siemens	Square D
Fusible, Three-Pole, Four-Wire, 240 Vac, NEMA 3R				
30	DH321NRK	TH4321R	HF321NR	H321NRB
60	DH322NRK	TH4322R	HF322NR	H322NRB
100	DH323NRK	TH4323R	HF323NR	H323NRB
200	DH324NRK	TH4324R	HF324NR	H324NRB
400	DH325NRK	TH3325R ①	HF325NR	H325R
600	DH326NRK	TH3326R ①	HF326NR	H326R
800	DH327NRK	TC72367R ①	HF327NR	H327R
1200	DH328NRK	TC72368R ①	HF328NR	H328R
Non-Fusible, Three-Pole, Three-Wire, 240 Volt/600 Vac, NEMA 3R				
30	DH361URK	THN3361R	HNF361R	HU361RB
60	DH362URK	THN3362R	HNF362R	HU362RB
100	DH363URK	THN3363R	HNF363R	HU363RB
200	DH364URK	THN3364R	HNF364R	HU364RB
400	DH365URK	THN3365R	HNF365R	HU365R
600	DH366URK	THN3366R	HNF366R	HU366R
800	DH367URK	N/A	HNF367R	HU367R
1200	DH368URK	N/A	HNF368R	HU368R
Fusible, Two-Pole, Two-Wire, 240 Vac, NEMA 4/4X				
30	DH221NWK	TH2221SS	HF221S	H221DS
60	DH222NWK	TH2222SS	HF222S	H222DS
100	DH223NWK	TH3223SS	HF223S	H223DS
200	DH224NWK	TH3224SS	HF224S	H224DS
400	DH225FWK	TH3225SS	HF325S	H225DS
600	DH226FWK	TH3226SS	HF326S	H226DS
Fusible, Two-Pole, Three-Wire, 240 Vac, NEMA 4/4X				
30	DH221NWK	TH3221SS	HF321S ①	H221DS ①
60	DH222NWK	TH3222SS	HF322S ①	H222DS ①
100	DH223NWK	TH3223SS	HF323S ①	H223DS ①
200	DH224NWK	TH3224SS	HF324S ①	H224DS ①
400	DH225NWK	TH3225SS	HF325S ①	H225NDS
600	DH226NWK	TH3226SS	HF326S ①	H226NDS
800	DH227NWK	N/A	HF327S ①	N/A
Fusible, Three-Pole, Three-Wire, 240 Vac, NEMA 4/4X				
30	DH321FWK	TH3321SS	HF321S	H321DS
60	DH322FWK	TH3322SS	HF322S	H322DS
100	DH323NWK	TH4323SS	HF323S	H323DS
200	DH324NWK	TH4324SS	HF324S	H324DS
400	DH325FWK	TH4325SS	HF325S	H325DS
600	DH326FWK	TH4326SS	HF326S	H326DS
800	DH327FWK	N/A	HF327S	N/A
Fusible, Three-Pole, Four-Wire, 240 Vac, NEMA 4/4X				
30	DH321NWK	TH4321SS	HF321S ①	H321DS ①
60	DH322NWK	TH4322SS	HF322S ①	H322DS ①
100	DH323NWK	TH4323SS	HF323S ①	H323DS ①
200	DH324NWK	TH4324SS	HF324S ①	H324DS ①
400	DH325NWK	TH4325SS	HF325S ①	H325NDS
600	DH326NWK	TH4326SS	HF326S ①	H326NDS

Heavy-Duty, continued

Ampere Rating	Catalog Number Eaton	General Electric	Siemens	Square D
Fusible, Two-Pole, Two-Wire, 240 Vac, NEMA 12				
30	DH221NDK	TH2221J	HF221J	H221AWK
60	DH222NDK	TH2222J	HF222J	H222AWK
100	DH223NDK	TH3223J	HF223J	H223AWK
200	DH224NDK	TH3224J	HF224J	H224AWK
400	DH225FDK	TH3225J	HF325J	H225AWK
600	DH226FDK	TH3226J	HF326J	H226AWK
800	DH227FDK	N/A	HF327J	H227AWK
1200	N/A	N/A	N/A	H228AWK
Fusible, Two-Pole, Three-Wire, 240 Vac, NEMA 12				
30	DH221NDK	TH3221J	HF221J ①	H221AWK
60	DH222NDK	TH3222J	HF222J ①	H222AWK
100	DH223NDK	TH3223J	HF223J ①	H223AWK
200	DH224NDK	TH3224J	HF224J ①	H224AWK
400	DH225NDK	TH3225J	HF325J ①	H225NAWK
600	DH226NDK	TH3226J	HF326J ①	H226NAWK
800	DH227NDK	N/A	HF327J ①	H227NAWK
1200	N/A	N/A	N/A	H228NAWK
Fusible, Three-Pole, Three-Wire, 240 Vac, NEMA 12				
30	DH321FDK	TH3321J	HF321J	H321AWK
60	DH322FDK	TH3322J	HF322J	H322AWK
100	DH323FDK	TH4323J	HF323J	H323AWK
200	DH324FDK	TH4324J	HF324J	H324AWK
400	DH325FDK	TH4325J	HF325J	H325AWK
600	DH326FDK	TH4326J	HF326J	H326AWK
800	DH327FDK	N/A	HF327J	H327AWK
1200	N/A	N/A	N/A	H328AWK
Fusible, Three-Pole, Four-Wire, 240 Vac, NEMA 12				
30	DH321NDK	TH4321J	HF321J ①	H321AWK ①
60	DH322NDK	TH4322J	HF322J ①	H322AWK ①
100	DH323NDK	TH4323J	HF323J ①	H323AWK ①
200	DH324NDK	TH4324J	HF324J ①	H324AWK ①
400	DH325NDK	TH4325J	HF325J ①	H325NAWK
600	DH326NDK	TH4326J	HF326J ①	H326NAWK
800	N/A	N/A	HF327J ①	H327NAWK
1200	N/A	N/A	N/A	H328NAWK
Fusible, Four-Pole, Four-Wire, 240 Vac, NEMA 12				
30	DH421FDK	N/A	N/A	N/A
60	DH422FDK	N/A	N/A	N/A
100	DH423FDK	N/A	N/A	N/A
200	DH424FDK	N/A	N/A	N/A

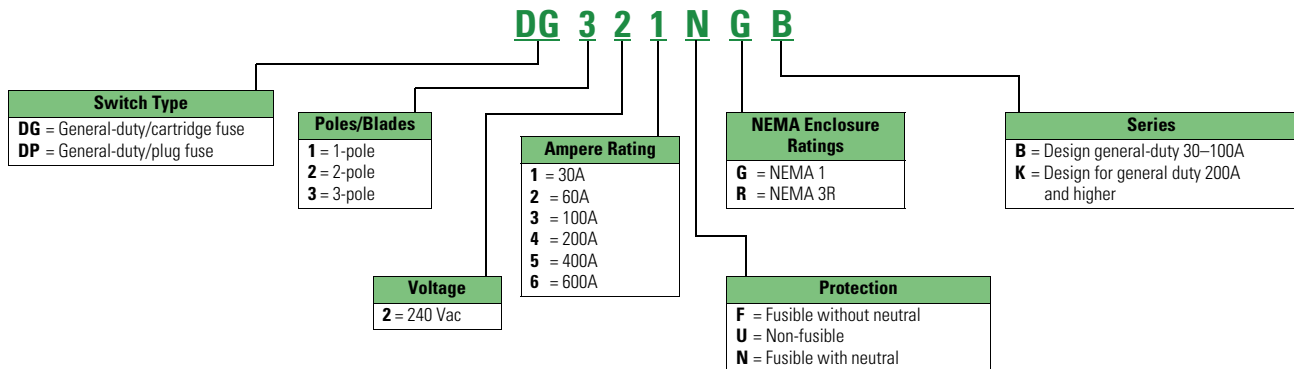
Notes

① Separate neutral kit required.

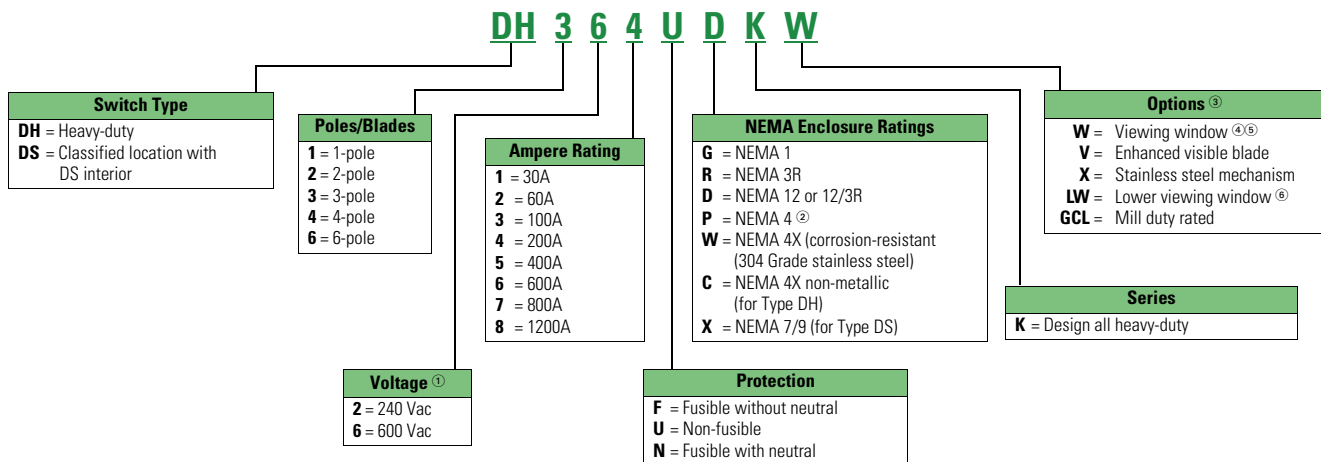
Always verify the number of poles and wires required since catalog numbers may appear in multiple tables.

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.