

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
Non-Fusible, Two-Pole, Two-Wire, 600 Vac, NEMA 12				
30	DH261UDK	THN2261JDC	HNF261J	HU361AWK
60	DH262UDK	THN2262JDC	HNF262J	HU362AWK
100	DH263UDK	THN2263JDC	HNF263J	HU363AWK
200	DH264UDK	N/A	N/A	HU364AWK
400	DH265UDK	N/A	HNF265J	HU265AWK
600	DH266UDK	N/A	HNF266J	HU266AWK
800	DH267UDK	N/A	N/A	HU267AWK
1200	N/A	N/A	N/A	HU268AWK
Non-Fusible, Three-Pole, Three-Wire, 600 Vac, NEMA 12				
30	DH361UDK	THN3361J	HNF361J	HU361AWK
60	DH362UDK	THN3362J	HNF362J	HU362AWK
100	DH363UDK	THN3363J	HNF363J	HU363AWK
200	DH364UDK	THN3364J	HNF364J	HU364AWK
400	DH365UDK	THN3365J	HNF365J	HU365AWK
600	DH366UDK	THN3366J	HNF366J	HU366AWK
800	DH367UDK	N/A	HNF367J	HU367AWK
1200	N/A	N/A	N/A	HU368AWK
Non-Fusible, Four-Pole, Four-Wire, 600 Vac, NEMA 12				
30	DH461UDK	THN6661	N/A	HU461AWK
60	DH462UDK	THN6662	N/A	HU462AWK
100	DH463UDK	THN6663	N/A	HU463AWK
200	DH464UDK	THN6664	N/A	HU464AWK
400	N/A	N/A	N/A	HU465AWK

Heavy-Duty Six-Pole

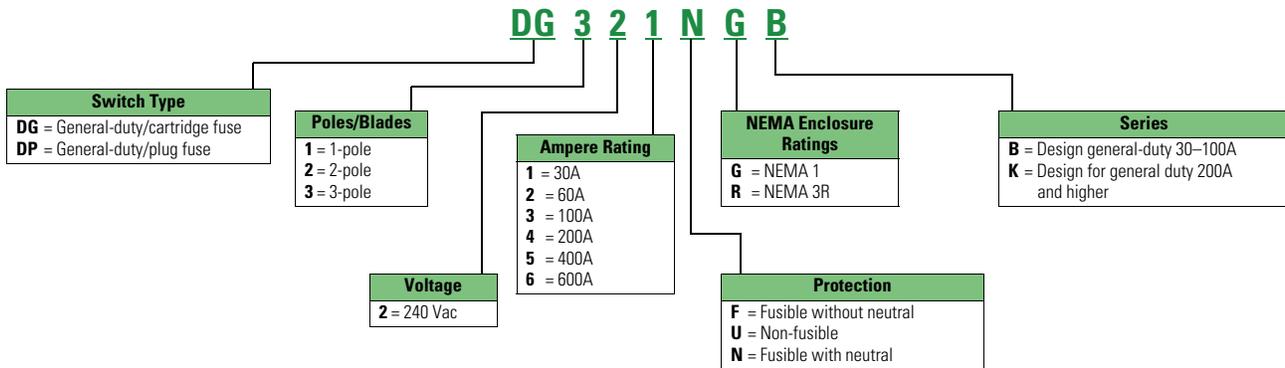
Ampere Rating	Catalog Number Eaton	General Electric	Siemens	Square D
Fusible, Six-Pole, Six-Wire, 600 Vac, NEMA 3R				
30	DH661FDK	TH6661	F651H	N/A
60	DH662FDK	TH6662	F652H	N/A
100	DH663FDK	TH6663	F653H	N/A
200	DH664FDK	TH6664	N/A	N/A
Fusible, Six-Pole, Six-Wire, 600 Vac, NEMA 12				
30	DH661FDK	TH6661	F651H	N/A
60	DH662FDK	TH6662	F652H	N/A
100	DH663FDK	TH6663	F653H	H663AWK
200	DH664FDK	TH6664	N/A	H664RWK
Fusible, Six-Pole, Six-Wire, 600 Vac, NEMA 4X				
30	N/A	N/A	F651SS	N/A
60	N/A	N/A	F652SS	N/A
100	N/A	N/A	F653SS	H663DS
200	N/A	N/A	N/A	H664DS
Non-Fusible, Six-Pole, Six-Wire, 600 Vac, NEMA 3R				
30	DH661UDK	THN6661	NF651H	N/A
60	DH662UDK	THN6662	NF652H	N/A
100	DH663UDK	THN6663	NF653H	N/A
200	DH664UDK	THN6664	N/A	N/A
Non-Fusible, Six-Pole, Six-Wire, 600 Vac, NEMA 12				
30	DH661UDK	THN6661	NF651H	HU661AWK
60	DH662UDK	THN6662	NF652H	HU662AWK
100	DH663UDK	THN6663	NF653H	HU663AWK
200	DH664UDK	THN6664	N/A	HU664RWK
Non-Fusible, Six-Pole, Six-Wire, 600 Vac, NEMA 4X				
30	DH661UWK	N/A	NF651SS	HU661DS
60	DH662UWK	N/A	NF652SS	HU662DS
100	DH663UWK	N/A	NF653SS	HU663DS
200	DH664UWK	N/A	N/A	HU664DS

Note

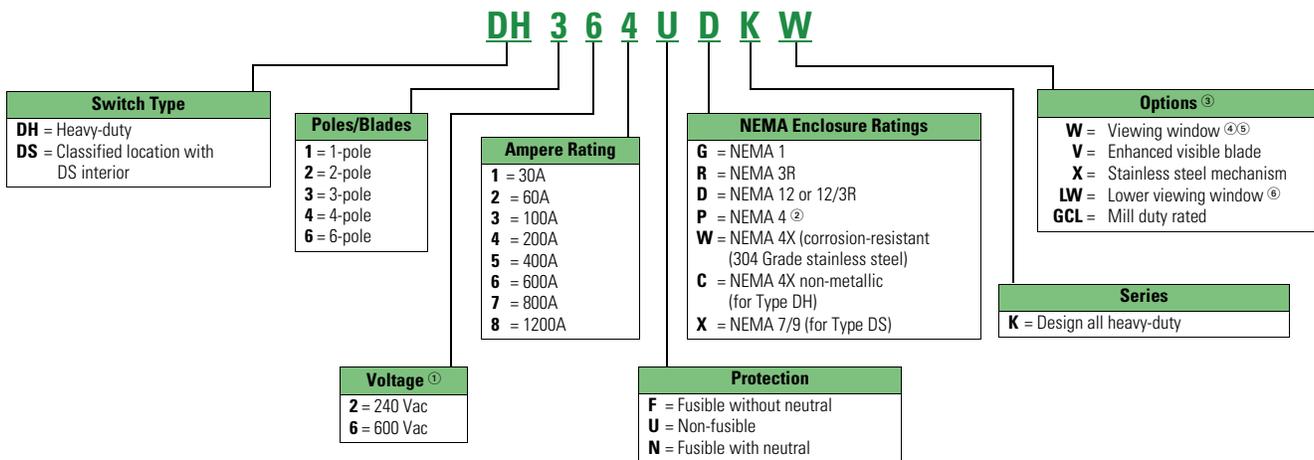
Always verify the number of poles and wires required since catalog numbers may appear in multiple tables.

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.