

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.

Cross-Reference

General-Duty

| Ampere Rating | Catalog Number | | | |
|---|----------------|------------------|---------|-----------|
| | Eaton | General Electric | Siemens | Square D |
| Plug Fuse, Single-Pole, Two-Wire, 120 Vac, NEMA 1 | | | | |
| 30 | DP111NGB | TPF130 | LF111N | D211N |
| Plug Fuse, Two-Pole, Three-Wire, 240 Vac, NEMA 1 | | | | |
| 30 | DP221NGB | TPF230 | LF211N | D211N |
| Fusible, Two-Pole, Three-Wire, 240 Vac, NEMA 1 | | | | |
| 30 | DG221NGB | TG3221 | GF221N | D221N |
| 60 | DG222NGB | TG3222 | GF222N | D222N |
| 100 | DG223NGB | TG3223 | GF223N | D223N |
| 200 | DG224NGK | TG3224 | GF224N | D224N |
| 400 | DG225NGK | TG3225 | GF225N | D225N |
| 600 | DG226NGK | TG3226 | GF226N | D226N |
| Fusible, Three-Pole, Three-Wire, 240 Vac, NEMA 1 | | | | |
| 30 | DG321NGB | TG4321 | GF321N | D321N |
| 60 | DG322NGB | TG4322 | GF322N | D322N |
| 100 | DG323NGB | TG4323 | GF323N | D323N |
| 200 | DG324NGK | TG4324 | GF324N | D324N |
| 400 | DG325FGK | TG3325 | GF325N | D325N |
| 600 | DG326FGK | TG3326 | GF326N | D326N |
| Fusible, Three-Pole, Four-Wire, 240 Vac, NEMA 1 | | | | |
| 30 | DG321NGB | TG4321 | GF321N | D321N |
| 60 | DG322NGB | TG4322 | GF322N | D322N |
| 100 | DG323NGB | TG4323 | GF323N | D323N |
| 200 | DG324NGK | TG4324 | GF324N | D324N |
| 400 | DG325NGK | TG4325 | GF325N | D325N |
| 600 | DG326NGK | TG4326 | GF326N | D326N |
| Non-Fusible, Two-Pole, Two-Wire, 240 Vac, NEMA 1 | | | | |
| 30 | DG221UGB | TGN3321 | N/A | N/A |
| 60 | DG222UGB | TGN3322 | N/A | Q0260NATS |
| 100 | DG223UGB | TGN3323 | N/A | Q02000NS |
| 200 | DG324UGK | TGN3324 | N/A | DU324 |
| 400 | DG325UGK | TGN3325 | N/A | DU325 |
| 600 | DG326UGK | TGN3326 | N/A | DU326 |
| Non-Fusible, Three-Pole, Three-Wire, 240 Vac, NEMA 1 | | | | |
| 30 | DG321UGB | TGN3321 | GNF321 | DU321 |
| 60 | DG322UGB | TGN3322 | GNF322 | DU322 |
| 100 | DG323UGB | TGN3323 | GNF323 | DU323 |
| 200 | DG324UGK | TGN3324 | GNF324 | DU324 |
| 400 | DG325UGK | TGN3325 | GNF325 | DU325 |
| 600 | DG326UGK | TGN3326 | GNF326 | DU326 |

General-Duty, continued

| Ampere Rating | Catalog Number | | | |
|--|----------------|----------------------|---------|-----------|
| | Eaton | General Electric | Siemens | Square D |
| Fusible, Two-Pole, Three-Wire, 240 Vac, NEMA 3R | | | | |
| 30 | DG221NRB | TG3221R | GF221NR | D221NRB |
| 60 | DG222NRB | TG3222R | GF222NR | D222NRB |
| 100 | DG223NRB | TG3223R | GF223NR | D223NRB |
| 200 | DG224NRK | TG3224R | GF224NR | D224NRB |
| 400 | DG225NRK | TG3225R | GF225NR | D225NR |
| 600 | DG226NRK | TG3226R | GF226NR | D226NR |
| Fusible, Three-Pole, Three-Wire, 240 Vac, NEMA 3R | | | | |
| 30 | DG321NRB | TG4321R | GF321NR | D321NRB |
| 60 | DG322NRB | TG4322R | GF322NR | D322NRB |
| 100 | DG323NRB | TG4323R | GF323NR | D323NRB |
| 200 | DG324NRK | TG4324R | GF324NR | D324NRB |
| 400 | DG325FRK | TG3325R | GF325NR | D325NR |
| 600 | DG326FRK | TG3326R | GF326NR | D326NR |
| Fusible, Three-Pole, Four-Wire, 240 Vac, NEMA 3R | | | | |
| 30 | DG321NRB | TG4321R | GF321NR | D321NRB |
| 60 | DG322NRB | TG4322R | GF322NR | D322NRB |
| 100 | DG323NRB | TG4323R | GF323NR | D323NRB |
| 200 | DG324NRK | TG4324R | GF324NR | D324NRB |
| 400 | DG325NRK | TG3325R [Ⓢ] | GF325NR | D325NR |
| 600 | DG326NRK | TG3326R [Ⓢ] | GF326NR | D326NR |
| Non-Fusible, Two-Pole, Two-Wire, 240 Vac, NEMA 3R | | | | |
| 30 | DG221URB | TGN3321R | GNF321R | DU221RB |
| 60 | DG222URB | TGN3322R | GNF322R | DU222RB |
| 100 | DG223URB | TGN3323R | GNF323R | Q02000NRB |
| 200 | DG324URK | TGN3324R | GNF324R | DU324RB |
| Non-Fusible, Three-Pole, Three-Wire, 240 Vac, NEMA 3R | | | | |
| 30 | DG321URB | TGN3321R | GNF321R | DU321RB |
| 60 | DG322URB | TGN3322R | GNF322R | DU322RB |
| 100 | DG323URB | TGN3323R | GNF323R | DU323RB |
| 200 | DG324URK | TGN3324R | GNF324R | DU324RB |
| 400 | DG325URK | N/A | N/A | N/A |
| 600 | DG326URK | N/A | N/A | N/A |

Notes

[Ⓢ] Separate neutral kit required.

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

Heavy-Duty

| Ampere Rating | Catalog Number | | General Electric | Siemens | Square D |
|---|----------------|----------------------|------------------|---------|-------------------|
| | Eaton | | | | |
| 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 | | General Electric | Siemens | Square D |
|--|----------------|-----------------------|------------------|---------|----------|
| | Eaton | | | | |
| 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

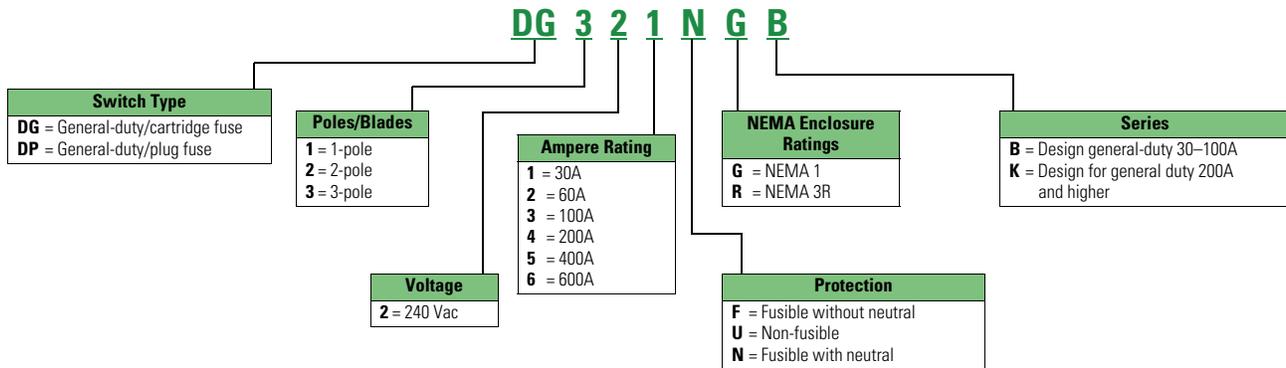
^① Separate neutral kit required.

^② 600V switch.

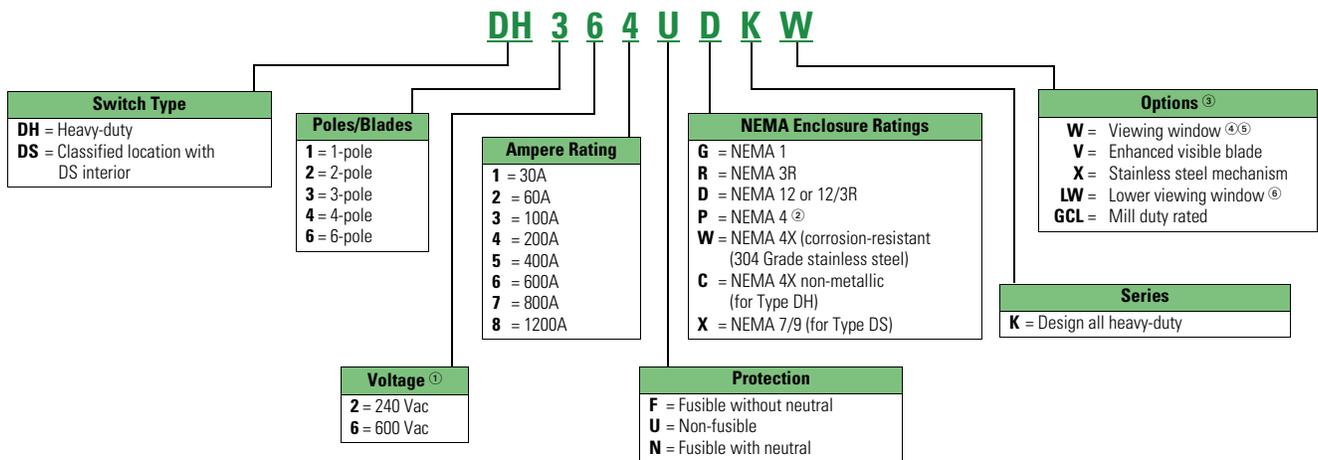
Always verify the number of poles and wires required since catalog numbers may appear in multiple tables.

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.