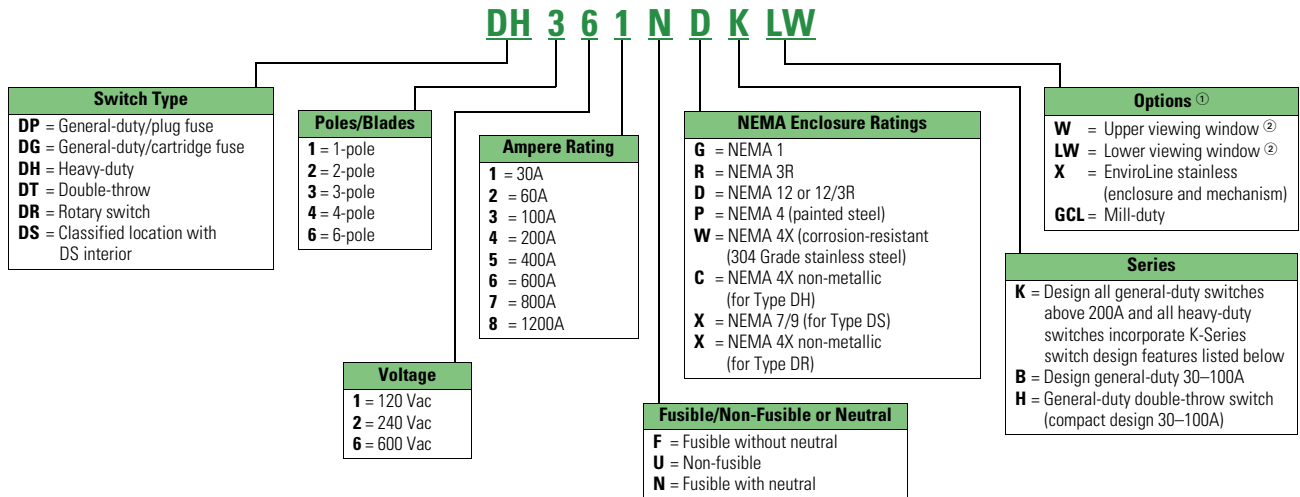


Catalog Number Selection

Safety Switch



Notes

^① See **Pages V2-T1-16** through **V2-T1-19** for additional Flex Center options.

^② Effective August 2003, 30–100A window switches are replaced by a full view window that allows blade position verification and blown fuse indication. See **Page V2-T1-39** for catalog numbers.

This table is intended for use in breaking down existing catalog numbers. It is not intended for building new catalog numbers.

A factory-installed ground lug is supplied in all heavy-duty safety switches.

Heavy-Duty Safety Switch



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Flange Mounted—Fixed Depth	V2-T1-102

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 **Pages V2-T1-16** through **V2-T1-19**

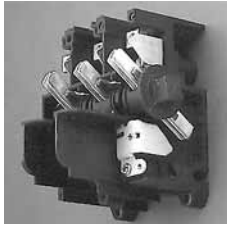
Application Description

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-T1-76** for catalog information on our mill-duty safety switch

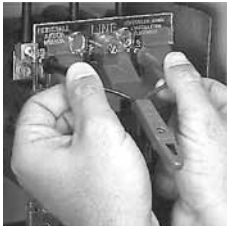
Features, Benefits and Functions

- 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
- Complete accessory and renewal parts data shown on inner door label.
- 30–800A NEMA 12 designs convertible to NEMA 3R by opening factory-installed drain hole
- 30–1200A switches are seismic qualified and exceed the requirements of the Uniform Building Code® (UBC) and California Code Title 24
- Tri-lingual nameplates



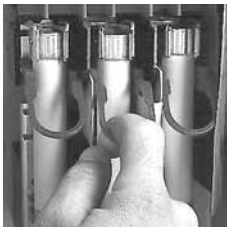
Visible Double-Break Rotary Blade Mechanism

- 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



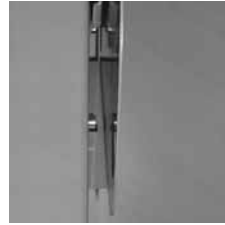
Triple Padlocking Capability

- 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



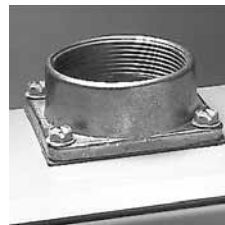
Interlocking Mechanism

- 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

Standards and Certifications

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



600 Vac Heavy-Duty, Non-Fusible, Single-Throw, 277/480–600V – NEMA 12, 4

System	Ampere Rating	Maximum Horsepower Ratings			Three-Phase AC			DC		NEMA 12 Enclosure Industrial, Dust-Tight Catalog Number	NEMA 4 Enclosure Watertight, Painted Steel Catalog Number
		Single-Phase AC			240V	480V	600V	250V	600V		
Two-Pole—480 Vac—600 Vac or Vdc^① (Suitable for Service Entrance Use with a Neutral Kit Installed)											
	30	3	7-1/2	10	—	—	—	—	15	DH261UDK ^②	—
	60	10	20	25	—	—	—	—	25	DH262UDK ^②	—
	100	20	30	40	—	—	—	20	25	DH263UDK ^②	—
	200	15	50	50	—	—	—	—	50	DH264UDK ^②	—
	400	—	—	—	—	—	—	50	—	DH265UDK ^②	④
	600	—	—	—	—	—	—	—	—	DH266UDK ^②	④
	800	—	—	—	—	—	—	—	—	DH267UDK ^②	④
	1200	—	—	—	—	—	—	—	—	③	—
Three-Pole—480 Vac—600 Vac, 250 Vdc (Suitable for Service Entrance Use with a Neutral Kit Installed)											
	30	3	7-1/2	10	10	20	30	5	—	DH361UDK ^②	—
	60	10	20	25	20	50	60	10	—	DH362UDK ^②	—
	100	20	40	50	40	75	100	20	—	DH363UDK ^②	—
	200	15	50	50	60	125	150	40	—	DH364UDK ^②	—
	400	—	—	—	125	250	350	50	—	DH365UDK ^②	DH365UPK
	600	—	—	—	200	400	500	—	—	DH366UDK ^②	DH366UPK
	800	—	—	—	—	500	500	—	—	DH367UDK ^②	DH367UPK
	1200	—	—	—	—	500	500	—	—	DH368UDK	—
Four-Pole—480 Vac—600 Vac, 250 Vdc											
	30	10 ^⑤	20 ^⑤	25 ^⑤	10	20	30	5	—	DH461UDK ^②	—
	60	20 ^⑤	40 ^⑤	50 ^⑤	20	50	60	10	—	DH462UDK ^②	—
	100	40 ^⑤	50 ^⑤	50 ^⑤	40	75	100	20	—	DH463UDK ^②	—
	200	50 ^⑤	50 ^⑤	50 ^⑤	60	125	150	40	—	DH464UDK ^②	—
	400	50 ^⑤	—	—	125	250	350	50	—	②③	—
	600	—	—	—	200	400	500	—	—	②③	—
	800	—	—	—	—	—	—	—	—	②③	—

Notes

- ① DC rating for 800A switches is 250V.
 - ② NEMA 12 enclosures (30–1200A) can be field modified to meet NEMA 3R rainproof requirements when a factory provided drain hole is opened.
 - ③ Contact the Safety Switch Flex Center (**1-888-329-9272** or FlexSwitches@eaton.com) for availability of this product.
 - ④ Use three-pole catalog numbers below for 600 Vac, 250 Vdc maximum applications. For 600 Vdc, see note ③.
 - ⑤ Ratings are for two-phase AC.
- Suitable for service entrance use, except 1200A on 480Y/277 or 600Y/347 grounded wye systems, per NEC 215.10 and 230.95, and four-pole switches.