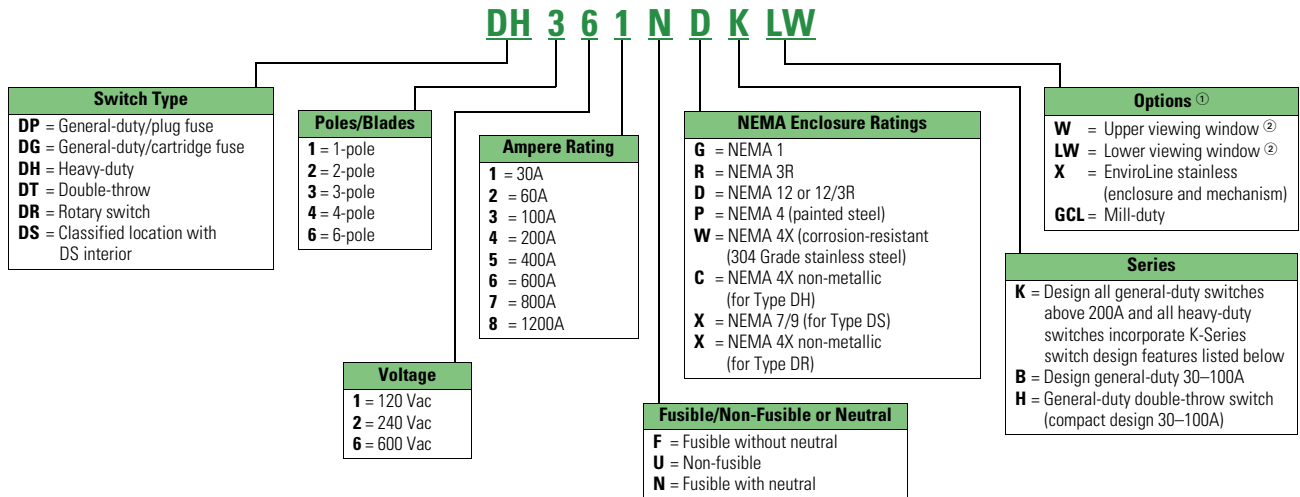


Catalog Number Selection

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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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**

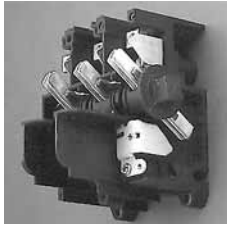
Application Description

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

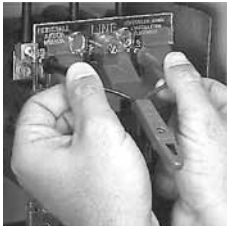
Features, Benefits and Functions

- 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



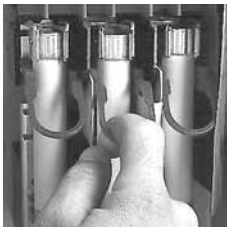
Visible Double-Break Rotary Blade Mechanism

- 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



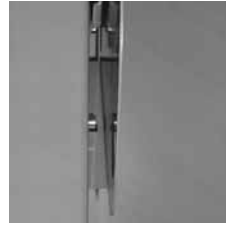
Triple Padlocking Capability

- 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



Listed

DH322FWK



240 Vac Heavy-Duty, Fusible, Single-Throw, Fusible—NEMA 4X

System	Ampere Rating	Fuse Type Provision	Maximum Horsepower Ratings		Time Delay		DC 250V	NEMA 4X Enclosure Corrosion-Resistant, Stainless Steel Catalog Number
			AC Standard Fuse	AC Standard Fuse	Single-Phase	Three-Phase		
Two-Pole—240 Vac, 250 Vdc (Suitable for Service Entrance Use with a Neutral Kit Installed)								
	30	H	1-1/2	—	—	—	5	③
	60	—	—	—	—	—	—	③ or ④
	100	—	—	—	—	—	—	④
	200	—	—	—	—	—	—	④
	400	H	—	50 ①	—	125 ①	50	④
	600	H	—	75 ①	—	200 ①	—	④
	800	L	—	100 ①	—	—	—	④
Three-Wire (Two Blades, Two Fuses, S/N)—240 Vac, 250 Vdc								
	30	H	1-1/2	3 ②	3	7-1/2 ②	5	DH221NWK
	60	H	3	7-1/2 ②	10	15 ②	10	DH222NWK
	100	H	7-1/2	15 ②	15	30 ②	20	DH223NWK
	200	H	15	25 ②	15	60 ②	40	DH224NWK
	400	H	—	50 ②	—	125 ②	50	DH225NWK
	600	H	—	75 ②	—	200 ②	—	DH226NWK
	800	L	—	100 ②	—	—	—	DH227NWK
Three-Pole—240 Vac, 250 Vdc (Suitable for Service Entrance Use with a Neutral Kit Installed)								
	30	H	1-1/2	3	3	7-1/2	5	DH321FWK
	60	H	3	7-1/2	10	15	10	DH322FWK
	100	H	7-1/2	15	15	30	20	④
	200	H	15	25	15	60	40	DH324FWK
	400	H	—	50	—	125	50	DH325FWK
	600	H	—	75	—	200	—	DH326FWK
	800	L	—	100	—	—	—	DH327FWK
1200	L	—	—	—	—	—	DH328FWK	
Four-Wire (Three Blades, Three Fuses, S/N)—240 Vac, 250 Vdc								
	30	H	1-1/2	3	3	7-1/2	5	DH321NWK
	60	H	3	7-1/2	10	15	10	DH322NWK
	100	H	7-1/2	15	15	30	20	DH323NWK
	200	H	15	25	15	60	40	DH324NWK
	400	H	—	50	—	125	50	DH325NWK
	600	H	—	75	—	200	—	DH326NWK
	800	L	—	100	—	—	—	④
1200	L	—	—	—	—	—	DH328NWK	
Four-Pole—240 Vac, 250 Vdc								
	30	H	3	3	10	7-1/2	5	④
	60	H	7-1/2	7-1/2	20	15	10	④
	100	H	15	15	30	30	20	④
	200	H	30	25	50	60	40	④
	400	H	50	50	—	125	50	④
	600	H	—	75	—	200	—	④

Notes

- ① Horsepower ratings apply only when neutral is field installed and switch is used on a grounded B phase system.
- ② Grounded B phase ratings, UL listed.
- ③ Use three-pole catalog numbers below.
- ④ Contact the Safety Switch Flex Center (1-888-329-9272 or FlexSwitches@eaton.com) for availability of this product.

30A heavy-duty switches with Type J fuse provisions are available from the factory only. See table on **Page V2-T1-18** for catalog numbers. Suitable for service entrance use, except four-pole switches.