

8-30 Safety Switches & Enclosed Circuit Breakers Safety Switches

Product Selection

June 2005
Vol. 1, Ref. No. [0268]

240 Vac Heavy-Duty, Fusible, Non-Fusible, Double Throw

Specifications

- 30 – 800 amperes.
- Horsepower rated.
- Suitable for service entrance use with neutral or ground lug kit installed.
- Suitable for use as a manually operated switch per 2005 NEC Article 702.
- Fusible and non-fusible.
- UL listed File No. E5239.
- For factory modifications, refer to Pages 8-8 through 8-11.



DT363URK



DT363FGK

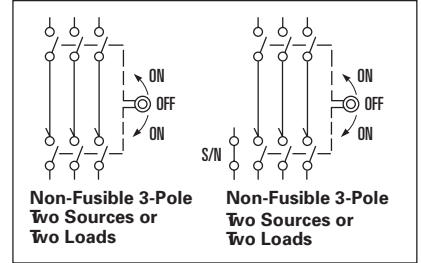


Figure 8-10.

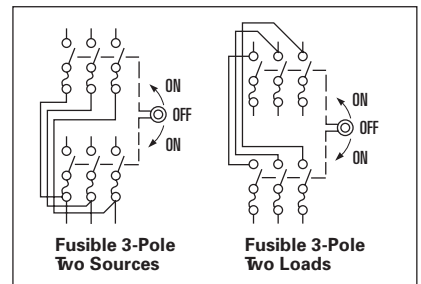


Figure 8-11. Typical Fusible Double Throw Schematic Diagram

Table 8-45. Fusible

Ampere Rating Main and Standby	Fuse Class Provision	Maximum Horsepower Ratings						NEMA 1 Enclosure			NEMA 3R Enclosure	
		Single-Phase ac		3-Phase ac		dc		Indoor	Rainproof			
		240V	480V	600V	240V	480V	600V	Catalog Number	Price U.S.	Catalog Number	Price U.S.	
2-Pole — 240 Vac — 250 Vdc												
200	H	15	—	—	—	—	—	40	DT224FGK			
3-Pole — 240 Vac — 250 Vdc												
30	H	3	—	—	7-1/2	—	—	5	DT321FGK		DT321FRK	
60	H	10	—	—	15	—	—	10	DT322FGK		DT322FRK	
100	H	15	—	—	30	—	—	20	DT323FGK		DT323FRK	
200	H	15	—	—	60	—	—	40	DT324FGK		DT324FRK	
400	H	—	—	—	125	—	—	50	DT325FGK		DT325FRK	
600 ^①	T	—	—	—	50	—	—	50	DT326FGK		DT326FRK	

① Only available for use with fast acting fuses. Standard hp rating is shown.

Table 8-46. Non-Fusible

Ampere Rating Main and Standby	Fuse Class Provision	Maximum Horsepower Ratings						NEMA 1 Enclosure			NEMA 3R Enclosure	
		Single-Phase ac		3-Phase ac		dc		Indoor	Rainproof			
		240V	480V	600V	240V	480V	600V	Catalog Number	Price U.S.	Catalog Number	Price U.S.	
Non-Fusible 2-Pole — 240 Vac — 250 Vdc												
30		3	—	—	—	—	—	5	DT221UGK		④	
60		10	—	—	—	—	—	10	DT222UGK		④	
100		20	—	—	—	—	—	20	DT223UGK		④	
200		15	—	—	—	—	—	40	DT224UGK		DT224URK	
400		—	—	—	—	—	—	50	DT225UGK		DT225URK	
600		—	—	—	—	—	—	—	DT226UGK		④	
Non-Fusible 3-Pole — 240 Vac — 250 Vdc												
30		3	—	—	10	—	—	5	DT321UGK		④	
60		10	—	—	20	—	—	10	DT322UGK		④	
100		20	—	—	40	—	—	20	DT323UGK		DT323URK	
200		15	—	—	60	—	—	40	DT324UGK		DT324URK	
400		—	—	—	125	—	—	50	DT325UGK		DT325URK	
600		—	—	—	125	—	—	50	DT326UGK		④	
800		—	—	—	125	—	—	50	DT327UGK ^{②③}		④	
800		—	—	—	125	—	—	50	DT327UGK-N		④	

② **WARNING!** Switch is not approved for service entrance.

③ Field installable neutral kit is not available. If a neutral is required, order the catalog number shown in the table with "N" suffix.

④ Contact the Safety Switch Flex Center (1-888-329-9272) for availability of this product.

Note: UL listed switching neutral capability is available on 3-pole and 4-pole non-fusible double throw switches with the installation of the proper bonding kit shown on Page 8-5. See Page 8-10 for factory installation from the Flex Center.

Safety Switches & Enclosed Circuit Breakers
Safety Switches

June 2005
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Product Selection

600 Vac Heavy-Duty, Fusible, Non-Fusible, Double Throw

Table 8-47. Fusible

Ampere Rating Main and Standby	Fuse Class Provision	Maximum Horsepower Ratings with Time Delay Fuses					NEMA 1 Enclosure Indoor		NEMA 3R Enclosure Rainproof		NEMA 12 Enclosure Industrial, Dust-tight		NEMA 4X Enclosure Corrosion-Resistant, Stainless Steel	
		Single-Phase ac		3-Phase ac		dc	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$
		480 Volt	600 Volt	480 Volt	600 Volt	250 Volt								
3-Pole — 600 Vac — 250 Vdc														
30	H	7-1/2	10	15	20	—	DT361FGK	—	①	—	①	—	DT361FWK	—
60	H	20	25	30	50	—	DT362FGK	—	①	—	①	—	DT362FWK	—
100	H	30	40	60	75	—	DT363FGK	—	DT363FRK	—	①	—	DT363FWK	—
200	H	50	50	125	150	40	DT364FGK	—	DT364FRK	—	①	—	DT364FWK	—
400	T	—	—	250	350	50	DT365FGK	—	DT365FRK	—	①	—	DT365FWK	—

① Contact the Safety Switch Flex Center (1-888-329-9272) for availability of this product.

Table 8-48. Non-Fusible

Ampere Rating Main and Standby	Maximum Horsepower Ratings					NEMA 1 Enclosure Indoor		NEMA 3R Enclosure Rainproof		NEMA 12 Enclosure Industrial, Dust-tight		NEMA 4X Enclosure Corrosion-Resistant, Stainless Steel		
	Single-Phase ac		3-Phase ac		dc	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	
	480 Volt	600 Volt	480 Volt	600 Volt	250 Volt									
2-Pole — 600 Vac — 250 Vdc														
30	7-1/2	10	—	—	5	DT261UGK	—	③	—	—	—	—	—	—
60	20	25	—	—	10	DT262UGK	—	③	—	—	—	—	—	—
100	40	50	—	—	20	DT263UGK	—	③	—	—	—	—	—	—
200	50	50	—	—	40	DT264UGK ②	—	DT264URK ②	—	—	—	—	—	—
400	—	—	—	—	50	DT265UGK	—	DT265URK	—	—	—	—	—	—
600	—	—	—	—	50	DT266UGK	—	DT266URK	—	—	—	—	—	—
3-Pole — 600 Vac — 250 Vdc														
30	7-1/2	10	20	30	5	DT361UGK	—	DT361URK	—	DT361UDK ⑥	—	—	DT361UWK	—
60	20	25	50	60	10	DT362UGK	—	DT362URK	—	DT362UDK ⑥	—	—	DT362UWK	—
100	40	50	75	100	20	DT363UGK	—	DT363URK	—	DT363UDK ⑥	—	—	DT363UWK	—
200	50	50	125	150	40	DT364UGK	—	DT364URK	—	DT364UDK ⑥	—	—	DT364UWK	—
400	—	—	250	350	50	DT365UGK	—	DT365URK	—	DT365UDK ⑥⑦	—	—	DT365UWK	—
600	—	—	250	350	50	DT366UGK	—	DT366URK	—	③⑥	—	③	—	—
800	—	—	250	350	50	DT367UGK ④⑤	—	DT367URK ④⑤	—	③⑥	—	③	—	—
800	—	—	250	350	50	DT367UGK-N	—	DT367URK-N	—	③⑥	—	③	—	—
4-Pole — 600 Vac — 250 Vdc ④														
30	7-1/2	10	20	30	5	③	—	DT461URK	—	③	—	—	③	—
60	20	25	50	60	10	③	—	DT462URK	—	③	—	—	③	—
100	40	50	75	100	20	③	—	DT463URK	—	③	—	—	③	—
200	—	50	125	150	40	—	—	DT464URK	—	③	—	—	③	—
400	—	—	250	350	50	—	—	DT465URK	—	③	—	—	③	—
600	—	—	250	350	50	—	—	DT466URK	—	③	—	—	③	—
800	—	—	250	350	50	—	—	DT467URK	—	③	—	—	③	—
6-Pole — 600 Vac — 250 Vdc ④														
30	7-1/2	10	15	30	5	③	—	DT661URK	—	③	—	—	③	—
60	20	25	50	60	10	③	—	DT662URK	—	③	—	—	③	—
100	40	50	75	100	20	③	—	DT663URK	—	③	—	—	③	—

② Rated 600 Vdc, 50 hp in addition to ratings shown in table.

③ Contact the Safety Switch Flex Center (1-888-329-9272) for availability of this product.

④ **WARNING!** Switch is not approved for service entrance.

⑤ **Field installable neutral kit is not available. If a neutral is required, order the catalog number shown in the table with "N" suffix.**

⑥ NEMA 12 enclosures (30 – 800 amperes) can be field modified to meet NEMA 3R rainproof requirements when a factory provided drain hole is opened.

⑦ Also available in 240 Vac catalog number DT325UDK.

Note: UL listed switching neutral capability is available on 3-pole and 4-pole non-fusible double throw switches with the installation of the proper bonding kit shown on Page 8-5. See Page 8-10 for factory installation from the Flex Center.