

Special Application Safety Switches Dimension Drawings

SELECTION

Double Throw

Description

Double throw switches are intended to transfer loads from one power source to another. All 2 & 3 pole fusible double throw switches are suitable for use as service equipment. All are CSA Listed. Switches are rated for use on systems up to 10,000A when protected with Class H fuses or 200,000A when protected with Class R or Class T fuses[Ⓢ]. They can also be used to connect a single source of power to either of two loads. In this application it is necessary to field modify fusible switches so that the fuses are on the load side of the switching mechanism.

A cover interlock is provided on all ampere ratings. The operating handle may be padlocked in the off position.

Fuse Capabilities of Fusible Switches

Amp Rating	Fuse Type			
	H	R	T	J
30 & 60A, 240V	Std	Yes (kit)	No	No
30 & 60A, 600V	Std	Yes (kit)	No	Yes [Ⓢ]
100 & 200A	Std	Yes (kit)	Yes (kit)	Yes [Ⓢ]
400 & 600A	No	No	Yes [Ⓢ]	Std [Ⓢ]



Double Throw Switches

System	Voltage	Number of Poles	Amps	Type 1 - Indoor Catalog Number	Type 3R - Outdoor [Ⓢ] Catalog Number
Heavy Duty Fusible (30-200A) with Class H fuse spacings[Ⓢ]					
	240 Volt AC or 250 Volt DC	3	30 60 100 200	DTFC321 DTFC322 DTFC323 DTFC324	DTFC321R
	600 Volt AC, 250 Volt DC	3	30 60 100 200	DTFC361 DTFC362 DTFC363 DTFC364	
Heavy Duty Non-Fusible[Ⓢ]					
	240 Volt AC or 250 Volt DC	2	30 60 100 200 400	DTNFC221 DTNFC222 DTNFC223 DTNFC224 DTNFC225	DTNFC224R DTNFC225R
		3	30 60 100 200 400 600	DTNFC321 DTNFC322 DTNFC323 DTNFC324 DTNFC325 DTNFC326	DTNFC323R DTNFC324R
	600 Volt AC, 250 Volt DC	3	30 60 100 200 400 600	DTNFC361 DTNFC362 DTNFC363 DTNFC364 DTNFC365 DTNFC366	DTNFC361R DTNFC362R DTNFC363R DTNFC364R DTNFC365R DTNFC366R

[Ⓢ] Use HSType hubs for 30-200A switches.

400A and larger switches do not have hub provisions.

[Ⓢ] All Heavy Duty double throw switches with a catalog number starting with DT are rated 200,000 AIC max.

when protected by Class R, J or T fuses. Fuse ampere rating must not exceed switch ampere rating.

[Ⓢ] Move load base.