

Product Specification Sheet #H30.22

Heavy Duty Double Throw Safety Switches

Type 3R (Outdoor)

General Information

Catalog Number	Volts	Amps	Description	Shipping Weight (lbs.)
NFR451DTK	600	30	4 Pole, Non-Fusible	45
NFR452DTK	600	60		45
NFR453DTK	600	100		45

Horsepower Ratings ① - 600 Volts

Catalog Number	1 Phase, 480V AC			3 Phase, 600V AC			250V DC
	240V	480V	600V	240V	480V	600V	
NFR451DTK	3	7½	10	10	20	30	5 (Std)
NFR452DTK	10	20	25	20	50	60	10 (Std)
NFR453DTK	20	40	50	40	75	100	20 (Std)

Accessories

Catalog Number	Description
DS100GK	Equipment Ground Kit
DS200EK1	Auxiliary Switches (1-NO & 1-NC)
DS200EK2	Auxiliary Switches (2-NO & 2-NC)
HR075	0.75" Type 3R Hub
HR100	1.00" Type 3R Hub
HR125	1.25" Type 3R Hub
HR150	1.50" Type 3R Hub
HR200	2.00" Type 3R Hub

Mechanical Lug Wire Ranges (60/75°C, Cu/Al)

Catalog Number	Description	Wire Range
NFR451DTK	Line, Load	#12-2 AWG
NFR452DTK	Line, Load	#14-2 AWG
NFR453DTK	Line, Load	#14-1/0 AWG

① Standard horsepower ratings applies when non-time delay fuses are installed.

Standards and Ratings

- UL Listed under file #E5239
- Meets UL98 for switches and UL50 for enclosures
- Suitable for use as Transfer Equipment on optional standby systems as defined by Article 702 of the NEC
- Meets NEMA Standard KS-1 for enclosed switches (Type HD)
- Meets NEC wire bending space requirements
- Rated 10,000 AIC
- Quick make and break mechanism
- Visible Blade, double break switching action
- Dual cover interlock
- Tangential knockouts
- Handle is padlockable in the OFF position