

# Heavy Duty Double Throw Safety Switches

## Type 3R (Outdoor)

### 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<sup>1</sup>
- Quick make and break mechanism
- Visible Blade, double break switching action
- Dual cover interlock
- Handle is padlockable in the OFF position

### General Information

Catalog Number	Volts	Amps	Description	Fuse Provisions	Shipping Weight (lbs.)
FR325DTK	240	400	3 Pole, Fusible	Class H	195
FR326DTK	240	600	3 Pole, Fusible	Class T	320
FR355DTK	600	400	3 Pole, Fusible	Class T	230
NFR455DTK	600	400	4 Pole, Non-Fusible	None	160
NFR456DTK	600	600	4 Pole, Non-Fusible	None	185
NFR457DTK	600	800	4 Pole, Non-Fusible	None	185

### Horsepower Ratings<sup>1</sup> - 600 Volts

Catalog Number	1 Phase, 480V AC			3 Phase, 600V AC			250V DC
	240V	480V	600V	240V	480V	600V	
FR325DTK	—	—	—	125	—	—	50
FR326DTK	—	—	—	50	—	—	50
FR355DTK	—	—	—	125	250	350	50
NFR455DTK	—	—	—	125	250	350	50
NFR456DTK	—	—	—	125	250	350	50
NFR457DTK	—	—	—	125	250	350	50

### Accessories

Catalog Number	Description
DS468GK	Equipment Ground Kit
DS200EK1	Auxiliary Switches (1-NO & 1-NC)
DS200EK2	Auxiliary Switches (2-NO & 2-NC)
DS800NK	400 and 600A Neutral Kit for Fusible Switches Only

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

Catalog Number	Description	Wire Range
FR325DTK	Line, Load	(2) #1/0 – 300 Kcmil
FR355DTK		or
NFR455DTK		(1) 250 – 750 Kcmil
NFR456DTK and FR326DTK	Line, Load	(2) 250 – 500 Kcmil
NFR457DTK	Line, Load	(3) 250 – 500 Kcmil

<sup>1</sup> Rated 100,000 AIC when protected with the proper fuses as follows. Fuse ampere rating must not exceed switch ampere rating FR325DTK – Class R, FR355DTK, FR326DTK, NFR455DTK, NFR456DTK and NFR457DTK – Class T.

## Product Specification Sheet H400.19

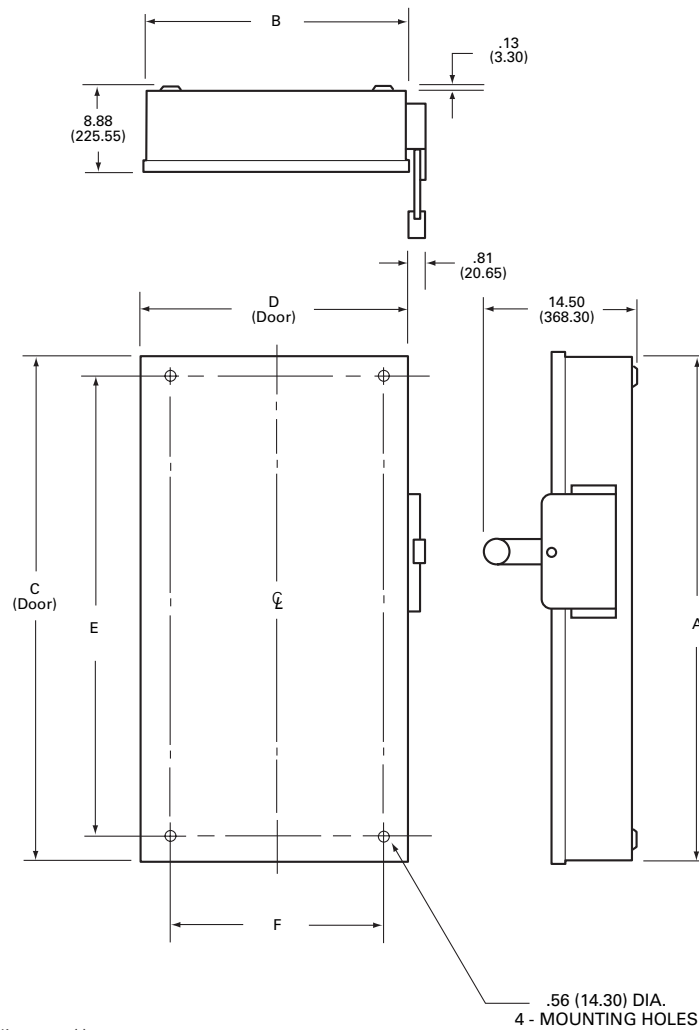
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# Product Specification Sheet #H400.19 (page 2 of 2)

Catalog Number	Dimensions					
	A	B	C	D	E	F
FR325DTK	74.31	24.90	74.73	25.34	69.50	20.25
FR355DTK	(1887)	(632)	(1898)	(644)	(1765)	(514)
FR326DTK	85.65	27.00	86.09	27.44	80.75	22.25
	(2176)	(686)	(2137)	(697)	(2051)	(565)
NFR455DTK	63.31	27.00	63.75	27.44	58.50	22.25
NFR456DTK	(1608)	(686)	(1615)	(697)	(1486)	(565)
NFR457DTK						

## Dimension Drawing



No knockouts in the enclosures.  
 Dimensions shown in inches and millimeters ( ).  
 Dimension shown accurate to  $\pm \frac{1}{8}$  inch.