

# Heavy Duty Double Throw Safety Switches

## Type 12 & 4X Stainless Steel

### 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
- 3-pole switches are suitable for use as Service Equipment <sup>2</sup>
- Handle is padlockable in the OFF position

### General Information

Catalog Number	Amps	Description	Shipping Weight (lbs.)
<b>Type 12, Industrial, 600V AC, 250V DC</b>			
NF355HDTK	400	3 Pole, 3 Wire, Non-Fusible	160
<b>Type 4X, Stainless Steel, 600V AC, 250V DC</b>			
F353SSDTK <sup>2</sup>	100	3 Pole, 3 Wire, Fusible	72
F354SSDTK <sup>2</sup>	200	3 Pole, 3 Wire, Fusible	125
F355SSDTK <sup>3</sup>	400	3 Pole, 3 Wire, Fusible	260
NF454SSDTK <sup>4</sup>	200	4 Pole, 4 Wire, Non-Fusible	105
NF355SSDTK <sup>5</sup>	400	3 Pole, 3 Wire, Non-Fusible	185

### Horsepower Ratings - 600 Volts

Catalog Number	1 Phase, 480V AC			3 Phase, 600V AC			250V DC
	240V	480V	600V	240V	480V	600V	
F353SSDTK	15	30	40	30	60	75	20
F354SSDTK	15	50	50	60	125	150	40
F355SSDTK	—	—	—	125	125	125	50
NF454SSDTK	15	50	50	60	125	150	40
NF355HDTK	—	—	—	125	250	350	40
NF355SSDTK	—	—	—	125	205	350	50

### Accessories

Catalog Number	Description
DT100NK	100A Neutral Kit
DT200NK	200A Neutral Kit (for 3 Pole switches only)
DS200GK	200A Equipment Ground Kit <sup>2</sup>
DS800NK	400A Neutral Kit for F355SSDTK only
DT600NK	400A Neutral Kit for NF355SSDTK only
DS468	400A Equipment Ground Kit <sup>2</sup>
DS200EK1	Auxiliary Switches (1-NO & 1-NC)
DS200EK2	Auxiliary Switches (2-NO & 2-NC)

<sup>1</sup> 400A, fusible and all non-fusible switches are rated 100,000 AIC max.

<sup>2</sup> Switch accepts Class H fuses.

<sup>3</sup> Switch accepts Class T fuse only and rated 100,000 AIC.

<sup>4</sup> Rated at 100,000 AIC when protected by Class R fuses. Fuse ampere rating must not exceed switch ampere rating.

<sup>5</sup> Rated at 100,000 AIC when protected by Class T fuses. Fuse ampere rating must not exceed switch ampere rating.

## Product Specification Sheet H200.17

Answers for industry.

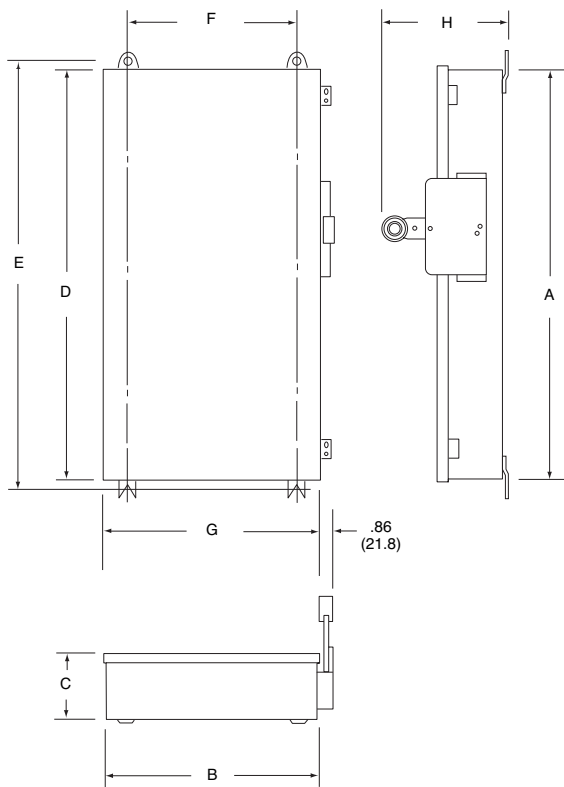
**SIEMENS**

# Product Specification Sheet #H200.17 (page 2 of 2)

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

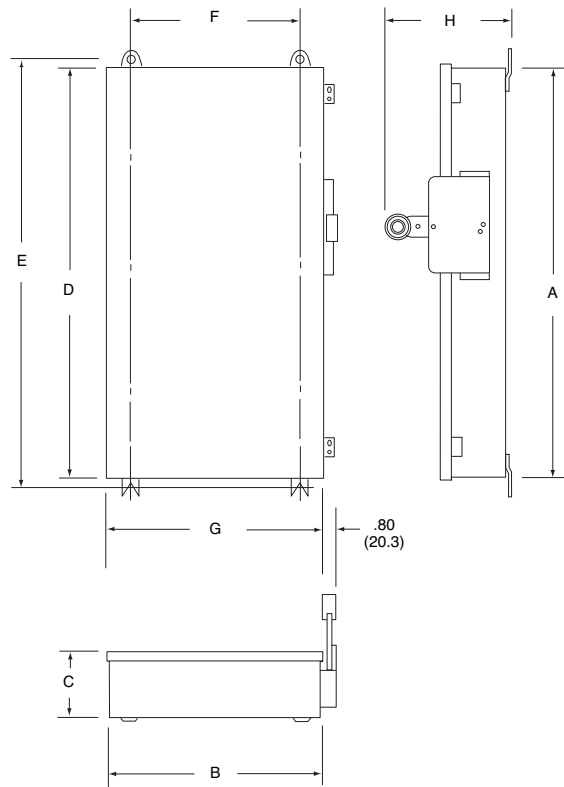
Catalog Number	Description	Wire Range
F353SSDTK	Line, Load & Neutral	(1) #14 - 1/0
F354SSDTK	Line, Load & Neutral	(1) #6 - 250 Kcmil
F355SSDTK	Line, Load	(2) #1/0 - 300 Kcmil or (1) 250 - 750 Kcmil
	Neutral	(2) #6 - 500 Kcmil
NF454SSDTK	Line, Load	(1) #6 - 250 Kcmil
	Line, Load	(2) #1/0 - 300 Kcmil or (1) 250 - 750 Kcmil
NF355HDTK	Line, Load	(1) 250 - 750 Kcmil
	Neutral	(2) #6 - 500 Kcmil
NF355SSDTK	Line, Load	(2) #1/0 - 300 Kcmil or (1) 250 - 750 Kcmil
	Neutral	(2) #6 - 500 Kcmil

## Dimension Drawing



Dimensions Inches (mm)

Cat. No.	A	B	C	D	E	F	G	H
F353SSDTK	37.00 (940)	11.62 (295)	5.50 (140)	37.48 (952)	38.50 (978)	9.00 (229)	11.97 (304)	11.44 (291)
F354SSDTK	50.90 (1293)	19.16 (487)	6.46 (164)	51.50 (1308)	53.27 (1353)	16.12 (409)	19.56 (497)	11.62 (295)
F355SSDTK	74.50 (1892)	25.00 (635)	8.92 (227)	74.73 (1898)	76.69 (1948)	20.25 (514)	25.32 (643)	14.05 (357)



Dimensions Inches (mm)

Cat. No.	A	B	C	D	E	F	G	H
NF355HDTK	53.82 (1376)	22.66 (576)	7.25 (184)	54.25 (1378)	56.20 (1427)	18.00 (457)	23.05 (585)	12.50 (318)
NF454SSDTK	37.47 (952)	19.16 (487)	6.48 (165)	37.91 (963)	39.75 (1010)	15.75 (400)	19.58 (497)	11.65 (296)
NF355SSDTK	53.82 (1376)	22.66 (576)	7.25 (184)	54.25 (1378)	56.20 (1427)	18.00 (457)	23.05 (585)	12.50 (318)

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