

# Heavy Duty Safety Switches

Selection

1 SAFETY SWITCHES



System	Ampere Rating	Indoor – Type 1		Outdoor – Type 3R			Horsepower Ratings <sup>®</sup>				
		Catalogue Number	Ship. Wt. (lbs.) Std. Pkg.	Catalogue Number	Ship. Wt. (lbs.) Std. Pkg.	Hub Type <sup>®</sup>	240V AC				250 Volt DC
							1-Phase, 2-Wire		3-Phase, 3-Wire		
Std.	Max.	Std.	Max.								

## 240 Volt Fusible<sup>①</sup>

### 2-Pole, 2-Fuse and Solid Neutral<sup>③</sup> (Also used for 2-Pole, 2-Wire Applications) 240 Volt AC/250 Volt DC

Ampere Rating	Indoor Type 1 Catalogue Number	Indoor Type 1 Ship. Wt. (lbs.) Std. Pkg.	Outdoor Type 3R Catalogue Number	Outdoor Type 3R Ship. Wt. (lbs.) Std. Pkg.	Hub Type <sup>®</sup>	1-Phase, 2-Wire		3-Phase, 3-Wire		250 Volt DC
						Std.	Max.	Std.	Max.	
30	HFC221N	12	HFC221NR	13	ECHS	1 <sup>1/2</sup>	3	3	7 <sup>1/2</sup>	5
60	HFC222N	18	HFC222NR	19		3	10	7 <sup>1/2</sup>	15	10
100	HFC223N	23	HFC223NR	24		7 <sup>1/2</sup>	15	15	30	20
200	HFC224N	47	HFC224NR	48	ECHV	15	—	25	60	40
400	HFC225N	153	HFC225NR	157		15	—	50	125	50
600	HFC226N	155	HFC226NR	159		15	—	75	200	50
800	HFC227N	365	HFC227NR	365		—	—	100	250	50
1200	HFC228N	385	HFC228NR	385	—	—	100	250	50	

### 3-Pole, 3-Fuse and Solid Neutral (Also used for 3-Pole, 3-Wire Applications) 240 Volt AC/250 Volt DC

Ampere Rating	Indoor Type 1 Catalogue Number	Indoor Type 1 Ship. Wt. (lbs.) Std. Pkg.	Outdoor Type 3R Catalogue Number	Outdoor Type 3R Ship. Wt. (lbs.) Std. Pkg.	Hub Type <sup>®</sup>	1-Phase, 2-Wire		3-Phase, 3-Wire		250 Volt DC
						Std.	Max.	Std.	Max.	
30	HFC321N	14	HFC321NR	15	ECHS	1 <sup>1/2</sup>	3	3	7 <sup>1/2</sup>	5
60	HFC322N	19	HFC322NR	20		3	10	7 <sup>1/2</sup>	15	10
100	HFC323N	25	HFC323NR	26		7 <sup>1/2</sup>	15	15	30	20
200	HFC324N	49	HFC324NR	50	ECHV	15	—	25	60	40
400	HFC325N	158	HFC325NR	162		15	—	50	125	50
600	HFC326N	161	HFC326NR	165		15	—	75	200	50
800	HFC327N	375	HFC327NR	375		—	—	100	250	50
1200	HFC328N■	395	HFC328NR■	388	—	—	100	250	50	

## 240 Volt Fusible

### 2-Pole, 2-Fuse<sup>④</sup> 240 Volt AC/250 Volt DC

Ampere Rating	Type 4/4X Stainless <sup>②</sup>		Type 12 Industrial <sup>③</sup>		Hub Type <sup>®</sup>	1-Phase, 2-Wire		3-Phase, 3-Wire		250 Volt DC
	Catalogue Number	Ship. Wt. (lbs.) Std. Pkg.	Catalogue Number	Ship. Wt. (lbs.) Std. Pkg.		Std.	Max.	Std.	Max.	
30	HFC221S	13	HFC221J	13	SSH	1 <sup>1/2</sup>	3	3	7 <sup>1/2</sup>	5
60	HFC222S	19	HFC222J	19		3	10	7 <sup>1/2</sup>	15	10
100	HFC223S	24	HFC223J	24		7 <sup>1/2</sup>	15	15	30	20
200	HFC224S	48	HFC224J	48		15	—	25	60	40

### 3-Pole, 3-Fuse<sup>④</sup> (Also used for 2-Pole, 2-Wire Applications in 400–800A Ratings) 240 Volt AC/250 Volt DC

Ampere Rating	Type 4/4X Stainless <sup>②</sup>		Type 12 Industrial <sup>③</sup>		Hub Type <sup>®</sup>	1-Phase, 2-Wire		3-Phase, 3-Wire		250 Volt DC
	Catalogue Number	Ship. Wt. (lbs.) Std. Pkg.	Catalogue Number	Ship. Wt. (lbs.) Std. Pkg.		Std.	Max.	Std.	Max.	
30	HFC321S	14	HFC321J	14	SSH	1 <sup>1/2</sup>	3	3	7 <sup>1/2</sup>	5
60	HFC322S	20	HFC322J	20		3	10	7 <sup>1/2</sup>	15	10
100	HFC323S	25	HFC323J	25		7 <sup>1/2</sup>	15	15	30	20
200	HFC324S	49	HFC324J	49	*	15	—	25	60	40
400	HFC325S	154	HFC325J■	110		15	—	50	125	50
600	HFC326S	157	HFC326J■	161		15	—	75	200	50
800	HFC327S■	370	HFC327J■	365		—	—	100	250	50

■ Built to order.

① Suitable for use as service equipment when neutral is bonded to the enclosure.

② Dual horsepower ratings: Std.- applies when non-time delay fuses are installed. Max.- applies when time-delay fuses are installed.

③ These switches are CSA certified for application on grounded B-phase systems and are suitable for 3-phase motor applications.

④ When a neutral is required use neutral kit displayed on p.1-19

⑤ Hub catalogue numbers available p. 1-21

⑥ Also rated for Type 3S/3R application. Factory provided drain plug must be removed from the bottom of the enclosure for type 3S/3R application.

⑦ 304 grade stainless steel.

⑧ Hub type SSH are suitable for type 4/4X and type 12 applications.

\* Consult Siemens representative.

# General and Heavy Duty Safety Switches

*Dimensions*

## Safety Switch Dimensions & Shipping Weights

SAFETY SWITCHES 1

Catalogue Number	Height - Inches (mm)			Width - Inches (mm)		Depth - Inches (mm)		Knockout Diagram <sup>①</sup>	Shipping Weight (lbs.)
	Box A	With Door B	With Rain Shed C	Box D	With Handle E	Box F	With Handle G		
HFC223S	21.96 (558)	23.16 (508)	—	9.65 (245)	12.02 (305)	5.34 (136)	10.46 (266)	—	24
HFC224J	29.96 (761)	31.07 (789)	—	14.62 (371)	16.95 (431)	6.63 (168)	12.58 (269)	—	48
HFC224N	29.90 (760)	31.07 (789)	—	14.62 (371)	16.98 (431)	6.36 (162)	12.33 (313)	S12	47
HFC224NR	29.90 (760)	—	31.42 (798)	14.61 (371)	16.99 (432)	6.36 (162)	12.33 (313)	S13	48
HFC224S	29.96 (761)	31.07 (789)	—	14.62 (371)	16.95 (431)	6.63 (168)	12.58 (269)	—	48
HFC225N	56.00 (1422)	56.57 (1183)	—	24.65 (626)	26.21 (666)	9.23 (234)	14.68 (373)	S14	153
HFC225NR	56.07 (1424)	—	57.19 (1453)	24.65 (626)	26.70 (678)	9.23 (234)	14.68 (373)	S15	162
HFC226N	56.00 (1422)	56.57 (1183)	—	24.65 (626)	26.21 (666)	9.23 (234)	14.68 (373)	S14	155
HFC226NR	56.07 (1429)	—	57.19 (1453)	24.65 (626)	26.70 (678)	9.23 (234)	14.68 (373)	S15	159
HFC227N	66.67 (1693)	67.16 (1706)	—	38.40 (975)	39.96 (1015)	9.24 (235)	14.68 (373)	—	360
HFC227NR	66.67 (1693)	—	67.74 (1721)	38.40 (975)	39.96 (1015)	9.24 (235)	14.68 (373)	—	362
HFC228N	66.67 (1693)	67.16 (1706)	—	38.40 (975)	39.96 (1015)	9.24 (235)	14.68 (373)	—	352
HFC228NR	66.67 (1693)	—	67.74 (1721)	38.40 (975)	39.96 (1015)	9.24 (235)	14.68 (373)	—	364
HFC265	56.00 (1422)	56.57 (1183)	—	24.65 (626)	26.21 (666)	9.23 (234)	14.68 (373)	S14	149
HFC265J	56.14 (1426)	56.57 (1183)	—	24.82 (630)	26.44 (672)	9.19 (233)	14.64 (372)	—	155
HFC265R	56.07 (1424)	—	57.19 (1453)	24.65 (626)	26.70 (678)	9.23 (234)	14.68 (373)	S15	152
HFC265S	56.14 (1426)	56.57 (1183)	—	24.82 (630)	26.44 (672)	9.19 (233)	14.64 (372)	—	153
HFC266	56.00 (1422)	56.57 (1183)	—	24.65 (626)	26.21 (666)	9.23 (234)	14.68 (373)	S14	155
HFC266J	56.14 (1426)	56.57 (1183)	—	24.82 (630)	26.44 (672)	9.19 (233)	14.68 (373)	—	156
HFC266R	56.07 (1424)	—	57.19 (1453)	24.65 (626)	26.70 (678)	9.23 (234)	14.68 (373)	S15	155
HFC266S	56.14 (1426)	56.57 (1183)	—	24.82 (630)	26.44 (672)	9.19 (233)	14.68 (373)	—	161
HFC321J	14.27 (363)	17.33 (440)	—	6.65 (169)	9.02 (229)	5.32 (135)	10.46 (266)	—	14
HFC321N	14.26 (362)	15.45 (392)	—	6.64 (169)	9.01 (229)	5.05 (128)	10.17 (258)	S6	14
HFC321NR	14.39 (366)	—	15.77 (401)	6.64 (169)	9.01 (229)	5.05 (128)	10.17 (258)	S8	15
HFC321S	14.27 (363)	17.33 (440)	—	6.65 (169)	9.02 (229)	5.32 (135)	10.46 (266)	—	14
HFC322J	16.27 (413)	19.31 (490)	—	9.17 (233)	11.47 (291)	5.33 (135)	10.46 (266)	—	20
HFC322N	16.26 (413)	17.46 (443)	—	9.15 (232)	11.53 (293)	5.05 (128)	10.17 (258)	S16	19
HFC322NR	16.26 (413)	—	17.77 (451)	9.16 (233)	11.53 (293)	5.05 (128)	10.17 (258)	S17	20
HFC322S	16.27 (413)	19.31 (440)	—	9.17 (233)	11.47 (291)	5.33 (135)	10.46 (266)	—	20
HFC323J	21.96 (558)	23.16 (588)	—	9.65 (245)	12.02 (305)	5.34 (136)	10.46 (266)	—	25
HFC323N	21.96 (558)	23.15 (588)	—	6.64 (169)	12.01 (305)	5.05 (128)	10.17 (258)	S10	25
HFC323NR	21.95 (558)	—	23.46 (596)	6.64 (169)	11.97 (304)	5.05 (128)	10.17 (258)	S11	26
HFC323S	21.96 (558)	23.16 (588)	—	9.65 (245)	12.02 (305)	5.34 (136)	10.46 (266)	—	25
HFC324J	29.96 (761)	31.07 (789)	—	14.62 (371)	16.95 (431)	6.63 (168)	12.58 (269)	—	49
HFC324N	29.90 (760)	31.07 (789)	—	14.62 (371)	16.98 (431)	6.36 (162)	12.33 (313)	S12	49
HFC324NR	29.90 (760)	—	31.42 (798)	14.61 (371)	16.99 (432)	6.36 (162)	12.33 (313)	S13	50
HFC324S	21.96 (558)	31.07 (789)	—	14.62 (371)	16.95 (431)	6.63 (168)	12.58 (269)	—	49
HFC325J	56.14 (1426)	56.57 (1183)	—	24.82 (630)	26.44 (672)	9.19 (233)	14.64 (372)	S14	160
HFC325N	56.00 (1422)	56.57 (1183)	—	24.65 (626)	26.21 (666)	9.23 (234)	14.68 (373)	S14	158
HFC325NR	56.07 (1424)	—	57.19 (1453)	24.65 (626)	26.70 (678)	9.23 (234)	14.68 (373)	S15	162
HFC325S	56.14 (1426)	56.57 (1183)	—	24.82 (630)	26.44 (672)	9.19 (233)	14.64 (372)	—	158
HFC326J	56.14 (1426)	56.57 (1183)	—	24.82 (630)	26.44 (672)	9.19 (233)	14.64 (372)	—	161
HFC326N	56.00 (1422)	56.57 (1183)	—	24.64 (626)	26.21 (666)	9.23 (234)	14.68 (373)	S14	161
HFC326NR	56.07 (1424)	—	57.19 (1453)	24.64 (626)	26.70 (678)	9.23 (234)	14.68 (373)	S15	165
HFC326S	56.14 (1426)	56.67 (1183)	—	24.82 (630)	26.44 (672)	9.19 (233)	14.64 (372)	—	161
HFC327J	66.67 (1693)	67.16 (1706)	—	38.40 (975)	39.96 (1015)	9.24 (235)	14.68 (373)	—	367
HFC327N	66.67 (1693)	67.16 (1706)	—	38.40 (975)	39.96 (1015)	9.24 (235)	14.68 (373)	—	380
HFC327NR	66.67 (1693)	—	64.74 (1721)	38.40 (975)	40.25 (1022)	9.24 (235)	14.68 (373)	—	383
HFC327S	66.67 (1693)	67.16 (1706)	—	38.40 (975)	39.96 (1015)	9.24 (235)	14.68 (373)	—	367
HFC328N	66.67 (1693)	67.16 (1706)	—	38.40 (975)	39.96 (1015)	9.24 (235)	14.68 (373)	—	382
HFC328NR	66.67 (1693)	—	67.74 (1721)	38.40 (975)	40.25 (1022)	9.24 (235)	14.68 (373)	—	385
HFC361	14.26 (302)	15.45 (1545)	—	6.64 (169)	9.01 (229)	5.05 (128)	10.17 (258)	S6	14
HFC361J, JW	14.27 (413)	17.33 (440)	—	6.65 (245)	9.02 (229)	5.32 (135)	10.46 (266)	—	14
HFC361N	14.26 (362)	15.45 (1545)	—	6.64 (169)	9.01 (229)	5.05 (128)	10.17 (258)	S6	14
HFC361NR	14.39 (366)	—	15.77 (401)	6.64 (169)	9.01 (229)	5.05 (128)	10.17 (258)	S8	15
HFC361R	14.39 (366)	—	15.77 (401)	6.64 (169)	9.01 (229)	5.05 (128)	10.17 (258)	S8	15
HFC361S, SW	14.27 (413)	17.33 (440)	—	6.65 (245)	9.02 (229)	5.32 (135)	10.46 (266)	—	15
HFC362	16.26 (413)	17.46 (443)	—	9.15 (232)	11.53 (313)	5.05 (128)	10.17 (258)	S16	19

① Knocks not provided on Type 4/4X and 12 or on 800 & 1200A switches.