

Heavy Duty Safety Switches

Visible blade heavy duty safety switches are designed for application where maximum performance and continuity of service are required. All heavy duty safety switches feature quick-make, quick-break operating mechanism, a dual cover interlock and a color coded indicator handle. They are suitable for use as service equipment when equipped with a field- or factory-installed neutral assembly or equipment grounding kit, unless a 600Y/347 V or 480 Y/277 V, 1000 A or greater, solidly grounded WYE system is used, per NEC 230-95. Heavy duty safety switches are UL Listed (except as noted). Files E2875 and E154828 meet or exceed the NEMA Standard KS1. For UL Listed short circuit current ratings, see [UL Listed Maximum Short Circuit Current Ratings-AC only](#), page 3-9.



Table 3.13: 240 Volt—Single Throw Fusible

System	Amperes	NEMA 1 Indoor	NEMA 3R Rainproof (Bolt-on Hubs [1])	NEMA 4, 4X, 5, [2] 304 Stainless Steel [3] Dust tight, Watertight, Corrosion Resistant (Watertight Hubs [1])	NEMA 12K With Knockouts (Watertight Hubs [1])	NEMA 3R, 5 or 12 [4] Without Knockouts (Watertight Hubs [1])	Horsepower Ratings					
							240 Vac				250 Vdc [5]	
							Std. (Using Fast Acting, One Time Fuses)		Max. (Using Dual Element, Time Delay Fuses)			
		Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	1Ø	3Ø	1Ø	3Ø		
2-Wire (2 Blades and Fuseholders)—240 Vac, 250 Vdc												
	30	Use three-wire devices For two-wire applications		H221DS	H221A	H221AWK	1-1/2	3 [6]	3	7-1/2 [6]	5	
	30					H2212AWK [7]	1-1/2		3		5	
	60		H222DS		H222AWK	3	7-1/2 [6]	10	15 [6]	10		
	100		H223DS		H223AWK	7-1/2	15 [6]	15	30 [8]	20		
	200		H224DS		H224AWK	15	25 [6]		60 [6]	40		
	400		H225	H225R	H225DS		H225AWK				50	
	600		H226	H226R	H226DS		H226AWK		75 [6]		200 [6]	50
800	H227	H227R			H227AWK	50				50		
1200	H228	H228R			H228AWK	50				50		
3-Wire (2 Blades and Fuseholders, 1 Neutral)—240 Vac, 250 Vdc												
	30	H221N	H221NRB	Use two-wire devices, See Field-Installed Neutral Assemblies, page 3-15			1-1/2	3 [6]	3	7-1/2 [8]	5	
	60	H222N	H222NRB				3	7-1/2 [6]	10	15 [6]	10	
	100	H223N	H223NRB				7-1/2	15 [6]	15	30 [6]	20	
	200	H224N	H224NRB				15	25 [6]		60 [6]	40	
	400	H225N	H225NR	H225NDS		H225NAWK		50 [6]		125 [6]	50	
	600	H226N	H226NR	H226NDS		H226NAWK		75 [6]		200 [6]	50	
	800	H227N	H227NR [9]			H227NAWK	50				50	
1200	H228N	H228NR [9]			H228NAWK	50				50		
3-Wire (3 Blades and Fuseholders)—240 Vac, 250 Vdc												
	30	Use four-wire devices For three-wire applications		H321DS	H321A	H321AWK	1-1/2	3	3	7-1/2	5	
	60		H322DS	H322A	H322AWK	3	7-1/2	10	15	10		
	100		H323DS	H323A	H323AWK	7-1/2	15	15	30	20		
	200		H324DS	H324A	H324AWK	15	25		60	40		
	400		H325	H325R	H325DS		H325AWK		50		125	50
	600		H326	H326R	H326DS		H326AWK		75		200	50
	800		H327	H327R [9]			H327AWK	50	100		250	50
1200	H328	H328R [9]			H328AWK	50	100		250	50		
4-Wire (3 Blades and Fuseholders, 1 Neutral)—240 Vac, 250 Vdc												
	30	H321N	H321NRB	Use three-wire devices, See Field-Installed Neutral Assemblies, page 3-15			1-1/2	3	3	7-1/2	5	
	60	H322N	H322NRB				3	7-1/2	10	15	10	
	100	H323N	H323NRB				7-1/2	15	15	30	20	
	200	H324N	H324NRB				15	25		60	40	
	400	H325N	H325NR	H325NDS		H325NAWK		50		125	50	
	600	H326N	H326NR	H326NDS		H326NAWK		75		200	50	
	800	H327N	H327NR [9]			H327NAWK	50	100		250	50	
1200	H328N	H328NR [9]			H328NAWK	50	100		250	50		
4-Wire (4 Blades and Fuseholders)												
	30	Use 600 Vac devices. See 600 Volt—Single Throw Fusible Switches, page 3-7.										
	60											
	100											
	200											
	400											
600												

Accessories: see page 3-13
 Dimensions: NEMA 1 and 3R, see page 3-19
 Dimensions: NEMA 4, 4X and 5 Stainless and NEMA 12, see page 3-20

[1] For Rainproof Bolt-On Hubs and Watertight Hubs see Hubs, page 3-13.
 [2] Complete rating is NEMA 3, 3R, 4, 4X, 5 and 12. For NEMA 3R applications, remove drain screw from bottom endwall.
 [3] See 316 Grade Stainless Steel—NEMA 3, 3R, 4, 4X, 5, 12, page 3-10.
 [4] Also suitable for NEMA 3R application by removing drain screw from bottom endwall.
 [5] For switching dc, use two outside switching poles.
 [6] For corner grounded delta systems, use switching poles for ungrounded conductors. See data bulletin 2700DB0202 for additional information.
 [7] 60 ampere switch with 30 ampere fuse spacing and clips. Must use 60 A enclosure accessories including electrical interlocks.
 [8] For corner grounded delta systems, use switching poles for ungrounded conductors.
 [9] Suitable for NEMA 5 applications with drain screw installed.

NEMA Type 1 and 3R

See Table 3.42 Terminal Lug Data, page 3-18 for terminal lug data for the series switches listed in the dimension table below.

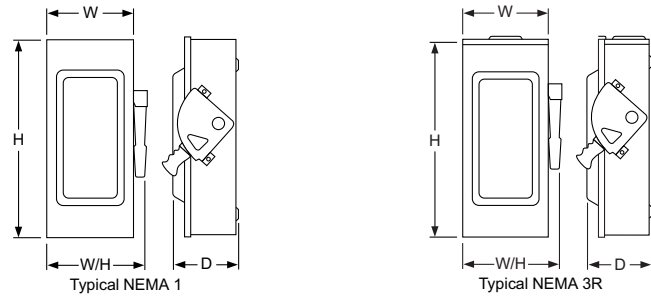


Table 3.44: Approximate Dimensions

Cat. No.	Series	H		W		D		W/H		Cat. No.	Series	H		W		D		W/H	
		in.	mm	in.	mm	in.	mm	in.	mm			in.	mm	in.	mm	in.	mm		
H221N	F5	14.60	371	6.50	165	4.88	124	7.55	192	H364, N	F5	29.00	737	17.13	435	8.25	210	18.50	470
H221NRB	F5	14.88	378	6.63	168	4.88	124	7.55	192	H364RB, NRB	F5	29.25	743	17.25	438	8.50	216	18.63	473
H222N	F5	14.60	371	6.50	165	4.88	124	7.55	192	H365, N	E4	50.25	1276	27.63	702	10.13	257	27.63	702
H222NRB	F5	14.88	378	6.63	168	4.88	124	7.55	192	H365R, NR	E5	50.31	1278	27.76	705	9.53	242	27.88	708
H223N	F5	21.25	540	8.50	216	6.38	162	10.50	267	H366, N	E4	50.25	1276	27.63	702	10.13	257	27.63	702
H223NRB	F5	21.25	540	8.50	216	6.38	162	10.50	267	H366NR, R	E5	50.31	1278	27.76	705	9.53	242	27.88	708
H224N	F5	29.00	737	17.13	435	8.25	210	18.50	470	H367, N	E4	69.13	1756	36.62	930	17.75	451	36.62	930
H224NRB	F5	29.25	743	17.25	438	8.50	216	18.63	473	H367NR, R	E4	69.13	1756	36.62	930	17.75	451	36.62	930
H225, N	E4	50.25	1276	27.63	702	10.13	257	27.63	702	H368, N	E4	69.13	1756	36.62	930	17.75	451	36.62	930
H225NR, R	E5	50.31	1278	27.76	705	9.53	242	27.88	708	H368NR, R	E4	69.13	1756	36.62	930	17.75	451	36.62	930
H226, N	E4	50.25	1276	27.63	702	10.13	257	27.63	702	H461	F5	20.50	521	14.75	375	6.85	174	16.13	410
H226NR, R	E5	50.31	1278	27.76	705	9.53	242	27.88	708	H462	F5	20.50	521	14.75	375	6.85	174	16.13	410
H227, N	E4	69.13	1756	36.62	930	17.75	451	36.62	930	H463	F5	20.50	521	14.75	375	6.85	174	16.13	410
H227NR, R	E4	69.13	1756	36.62	930	17.75	451	36.62	930	H464	F5	29.00	737	23.25	591	8.75	222	24.88	632
H228, N	E4	69.13	1756	36.62	930	17.75	451	36.62	930	H465	E4	50.25	1276	33.88	861	10.13	257	33.88	861
H228NR, R	E4	69.13	1756	36.62	930	17.75	451	36.62	930	H466	E4	50.25	1276	33.88	861	10.13	257	33.88	861
H265	E4	50.25	1276	27.63	702	10.13	257	27.63	702	HU265	E4	50.25	1276	27.63	702	10.13	257	27.63	702
H265R	E5	50.31	1278	27.76	705	9.53	242	27.88	708	HU265R	E5	50.31	1278	27.76	705	9.53	242	27.88	708
H266	E4	50.25	1276	27.63	702	10.13	257	27.63	702	HU266	E4	50.25	1276	27.63	702	10.13	257	27.63	702
H266R	E5	50.31	1278	27.76	705	9.53	242	27.88	708	HU266R	E5	50.31	1278	27.76	705	9.53	242	27.88	708
H267	E4	69.13	1756	36.62	930	17.75	451	36.62	930	HU267	E4	69.13	1756	36.62	930	17.75	451	36.62	930
H267R	E4	69.13	1756	36.62	930	17.75	451	36.62	930	HU267R	E4	69.13	1756	36.62	930	17.75	451	36.62	930
H268	E4	69.13	1756	36.62	930	17.75	451	36.62	930	HU268	E4	69.13	1756	36.62	930	17.75	451	36.62	930
H268R	E4	69.13	1756	36.62	930	17.75	451	36.62	930	HU268R	E4	69.13	1756	36.62	930	17.75	451	36.62	930
H321N	F5	14.60	371	6.50	165	4.88	124	7.55	192	HU361	F5	14.60	371	6.50	165	4.88	124	7.55	192
H321NRB	F5	14.88	378	6.63	168	4.88	124	7.55	192	HU361RB	F5	14.88	378	6.63	168	4.88	124	7.55	192
H322N	F5	14.60	371	6.50	165	4.88	124	7.55	192	HU361WA	F6	18.19	462	9.00	229	6.81	173	10.50	267
H322NRB	F5	14.88	378	6.63	168	4.88	124	7.55	192	HU361WC	F6	18.19	462	9.00	229	6.81	173	10.50	267
H323N	F5	21.25	540	8.50	216	6.38	162	10.50	267	HU362	F5	17.50	445	9.00	229	6.38	162	10.50	267
H323NRB	F5	21.25	540	8.50	216	6.38	162	10.50	267	HU362RB	F5	17.50	445	9.00	229	6.38	162	10.50	267
H324N	F5	29.00	737	17.13	435	8.25	210	18.50	470	HU362WA	F6	18.19	462	9.00	229	6.81	173	10.50	267
H324NRB	F5	29.25	743	17.25	438	8.50	216	18.63	473	HU362WC	F6	16.75	425	9.00	229	7.00	178	10.50	267
H325, N	E4	50.25	1276	27.63	702	10.13	257	27.63	702	HU362WH	F5	18.19	462	9.00	229	6.81	173	10.50	267
H325NR, R	E5	50.31	1278	27.76	705	9.53	242	27.88	708	HU363	F5	21.25	540	8.50	216	6.38	162	10.50	267
H326, N	E4	50.25	1276	27.63	702	10.13	257	27.63	702	HU363RB	F5	21.25	540	8.50	216	6.38	162	10.50	267
H326NR, R	E5	50.31	1278	27.76	705	9.53	242	27.88	708	HU363WA	F6	21.85	462	9.00	229	6.81	173	10.50	267
H327, N	E4	69.13	1756	36.62	930	17.75	451	36.62	930	HU363WC	F6	21.85	555	9.00	229	6.81	173	10.50	267
H327R, NR	E4	69.13	1756	36.62	930	17.75	451	36.62	930	HU364	F5	29.00	737	17.13	435	8.25	210	18.50	470
H328, N	E4	69.13	1756	36.62	930	17.75	451	36.62	930	HU364RB	F5	29.25	743	17.25	438	8.50	216	18.63	473
H328R, NR	E4	69.13	1756	36.62	930	17.75	451	36.62	930	HU365	E4	50.25	1276	27.63	702	10.13	257	27.63	702
H361, N	F5	14.60	371	6.50	165	4.88	124	7.55	192	HU365R	E5	50.31	1278	27.76	705	9.53	242	27.88	708
H361-2	F5	17.50	445	9.00	229	6.38	162	10.50	267	HU366	E4	50.25	1276	27.63	702	10.13	257	27.63	702
H361NRB, RB	F5	14.88	378	6.63	168	4.88	124	7.55	192	HU366R	E5	50.31	1278	27.76	705	9.53	242	27.88	708
H361WA	F6	18.19	462	9.00	229	6.81	173	10.50	267	HU367	E4	69.13	1756	36.62	930	17.75	451	36.62	930
H361WC	F6	18.19	462	9.00	229	6.81	173	10.50	267	HU367R	E4	69.13	1756	36.62	930	17.75	451	36.62	930
H362, N	F5	17.50	445	9.00	229	6.38	162	10.50	267	HU368	E4	69.13	1756	36.62	930	17.75	451	36.62	930
H362NRB, RB	F5	17.50	445	9.00	229	6.38	162	10.50	267	HU368R	E4	69.13	1756	36.62	930	17.75	451	36.62	930
H362WA	F6	18.19	462	9.00	229	6.81	173	10.50	267	HU461	F5	20.50	521	14.75	375	6.85	174	16.13	410
H362WC	F6	16.75	425	9.00	229	7.00	178	10.50	267	HU462	F5	20.50	521	14.75	375	6.85	174	16.13	410
H362WH	F5	18.19	462	9.00	229	6.81	173	10.50	267	HU463	F5	20.50	521	14.75	375	6.85	174	16.13	410
H363, N	F5	21.25	540	8.50	216	6.38	162	10.50	267	HU464	F5	29.00	737	23.25	591	8.75	222	24.88	632
H363NRB, RB	F5	21.25	540	8.50	216	6.38	162	10.50	267	HU465	E4	50.25	1276	33.88	861	10.13	257	33.88	861
H363WA	F6	21.85	462	9.00	229	6.81	173	10.50	267	HU466	E4	50.25	1276	33.88	861	10.13	257	33.88	861
H363WC	F6	21.85	555	9.00	229	6.81	173	10.50	267										