

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 3-12.

Table 3.13: 240 Volt—Single Throw Fusible

Amperes	NEMA Type 1 Indoor	NEMA Type 3R Rainproof (Bolt-on Hubs [1])	NEMA Type 4, 4X, 5, [2] 304 Stainless Steel [3] Dust tight, Watertight, Corrosion Resistant (Watertight Hubs [1])	NEMA Type 12K With Knockouts (Watertight Hubs [1])	NEMA Type 3R, 5 or 12 [4] Without Knockouts (Watertight Hubs [1])	Line Side Barriers Factory Included[5]	Horsepower Ratings					250 Vdc [6]
							240 Vac					
							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	Factory Included	1-1/2	3 [7]	3	7-1/2 [7]	5	
30			—	—	H2212AWK [8]	Factory Included	1-1/2	—	3	—	5	
60			H222DS	—	H222AWK	Factory Included	3	7-1/2 [7]	10	15 [7]	10	
100			H223DS	H223A	H223AWK	Factory Included	7-1/2	15 [7]	15	30 [9]	20	
200			H224DS	H224A	H224AWK	Factory Included	15	25 [7]	—	60 [7]	40	
400	H225	H225R	H225DS	—	H225AWK	LSBG202	—	—	—	—	50	
600	H226	H226R	H226DS	—	H226AWK	LSBG202	—	75 [7]	—	200 [7]	50	
800	H227	H227R [10]	—	—	H227AWK	LSBF202	50	—	—	—	50	
1200	H228	H228R [10]	—	—	H228AWK	LSBF202	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 3-19			Factory Included	1-1/2	3 [7]	3	7-1/2 [9]	5	
60	H222N	H222NRB				Factory Included	3	7-1/2 [7]	10	15 [7]	10	
100	H223N	H223NRB				Factory Included	7-1/2	15 [7]	15	30 [7]	20	
200	H224N	H224NRB				Factory Included	15	25 [7]	—	60 [7]	40	
400	H225N	H225NR	H225NDS	—	H225NAWK	LSBG202	—	50 [7]	—	125 [7]	50	
600	H226N	H226NR	H226NDS	—	H226NAWK	LSBG202	—	75 [7]	—	200 [7]	50	
800	H227N	H227NR [10]	—	—	H227NAWK	LSBF202	50	—	—	—	50	
1200	H228N	H228NR [10]	—	—	H228NAWK	LSBF202	50	—	—	—	50	
3-Wire (3 Blades and Fuseholders)—240 Vac, 250 Vdc												
30	Use four-wire devices For three-wire applications		H321DS	H321A	H321AWK	Factory Included	1-1/2	3	3	7-1/2	5	
60			H322DS	H322A	H322AWK	Factory Included	3	7-1/2	10	15	10	
100			H323DS	H323A	H323AWK	Factory Included	7-1/2	15	15	30	20	
200			H324DS	H324A	H324AWK	Factory Included	15	25	—	60	40	
400			H325	H325R	H325DS	—	H325AWK	LSBG203	—	50	—	125
600	H326	H326R	H326DS	—	H326AWK	LSBG203	—	75	—	200	50	
800	H327	H327R [10]	—	—	H327AWK	LSBF203	50	100	—	250	50	
1200	H328	H328R [10]	—	—	H328AWK	LSBF203	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 3-19			Factory Included	1-1/2	3	3	7-1/2	5	
60	H322N	H322NRB				Factory Included	3	7-1/2	10	15	10	
100	H323N	H323NRB				Factory Included	7-1/2	15	15	30	20	
200	H324N	H324NRB				Factory Included	15	25	—	60	40	
400	H325N	H325NR	H325NDS	—	H325NAWK	LSBG203	—	50	—	125	50	
600	H326N	H326NR	H326NDS	—	H326NAWK	LSBG203	—	75	—	200	50	
800	H327N	H327NR [10]	—	—	H327NAWK	LSBF203	50	100	—	250	50	
1200	H328N	H328NR [10]	—	—	H328NAWK	LSBF203	50	100	—	250	50	
4-Wire (4 Blades and Fuseholders)Use 600 Vac devices. See 600 Volt—Single Throw Fusible Switches, page 1–10.												

Accessories: see page 3-16

Dimensions: NEMA Type 1 and 3R, see page 3-22

Dimensions: NEMA Type 4, 4X and 5 Stainless and NEMA Type 12, see page 3-23

- [1] For Rainproof Bolt-On Hubs and Watertight Hubs see Hubs, page 3-16.
 [2] Complete rating is NEMA Type 3, 3R, 4, 4X, 5 and 12. For NEMA Type 3R applications, remove drain screw from bottom endwall.
 [3] See 316 Grade Stainless Steel—NEMA Type 3, 3R, 4, 4X, 5, 12, page 3-13.
 [4] Also suitable for NEMA Type 3R application by removing drain screw from bottom endwall.
 [5] Factory included to prevent inadvertent contact with live parts per .UL 869A and NEC Service entrance barrier requirements.
 [6] For switching dc, use two outside switching poles.
 [7] For corner grounded delta systems, use switching poles for ungrounded conductors. See data bulletin 2700DB0202 for additional information.
 [8] 60 ampere switch with 30 ampere fuse spacing and clips. Must use 60 A enclosure accessories including electrical interlocks.
 [9] For corner grounded delta systems, use switching poles for ungrounded conductors.
 [10] Suitable for NEMA Type 5 applications with drain screw installed.