

Heavy Duty Safety Switches



NEMA Type 1



NEMA Type 3R

NEMA Type 4, 4X, 5
Stainless Steel

NEMA Type 12

Visible blade heavy duty safety switches are designed for application where maximum performance and continuity of service are required. 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 3-13](#).

Table 3.13: 240 Volt — Single Throw Fusible Switches

Amp	Type 1	Type 3R [1]	Equipment Ground Kit	Type 12[1]	Type 4X 304 SS[1]	Class R Fuse Kits	Line Side Barriers [2]	Horsepower Ratings				
								Std (Fast Acting One-Time Fuses)		Max (Dual Element Time-Delay Fuses)		250 Vdc [3]
								1Ø	3Ø [4]	1Ø	3Ø [4]	
2 Wire (2 Blade and Fuseholder) – 240 Vac 250 Vdc												
30	Use device with factory neutral			VH221AWKGL	VH221DSGL	RFK03L	Factory Included	1-1/2	3	3	7-1/2	5
30				VH2213AWKGL	VH2213DSGL	RFK03L	Factory Included	1-1/2	—	3	—	5
60				VH222AWKGL	VH222DSGL	RFK03H	Factory Included	3	7-1/2	10	15	10
100				VH223AWKGL	VH223DSGL	RFK10	Factory Included	7-1/2	15	15	30	20
200				VH224AWKGL	VH224DSGL	HRK1020	Factory Included	15	25	—	60	40
400	H225	H225R	PKOGTA2	H225AWK	H225DS	HRK4060	LSBG202	—	—	—	—	50
600	H226	H226R	PKOGTA2	H226AWK	H226DS	HRK4060	LSBG202	—	75	—	200	50
800	H227	H227R	PKOGTA7	H227AWK	—	—	LSBF202	50	—	—	—	50
1200	H228	H228R	PKOGTA8	H228AWK	—	—	LSBF202	50	—	—	—	50
3 Wire (2 Blade and Fuseholder, 1 neutral) – 240 Vac 250 Vdc												
30	VH221N	VH221NRB	GTK03	VH221NAWKGL	VH221NDSGL	RFK03L	Factory Included	1-1/2	3	3	7-1/2	5
60	VH222N	VH222NRB	GTK03	VH222NAWKGL	VH222NDSGL	RFK03H	Factory Included	3	7-1/2	10	15	10
100	VH223N	VH223NRB	GTK0610	VH223NAWKGL	VH223NDSGL	RFK10	Factory Included	7-1/2	15	15	30	20
200	VH224N	VH224NR	PKOGTA2	VH224NAWKGL	VH224NDSGL	HRK1020	Factory Included	15	25	—	60	40
400	H225N	H225NR	PKOGTA2	H225NAWK	H225NDS	HRK4060	LSBG202	—	50	—	125	50
600	H226N	H226NR	PKOGTA2	H226NAWK	H226NDS	HRK4060	LSBG202	—	75	—	200	50
800	H227N	H227NR	PKOGTA7	H227NAWK	—	—	LSBF202	50	—	—	—	50
1200	H228N	H228NR	PKOGTA8	H228NAWK	—	—	LSBF202	50	—	—	—	50
3 Wire (3 Blade and Fuseholder) – 240 Vac 250 Vdc												
30	Use device with factory neutral			VH321AWKGL	VH321DSGL	RFK03L	Factory Included	1-1/2	3	3	7-1/2	5
60				VH322AWKGL	VH322DSGL	RFK03H	Factory Included	3	7-1/2	10	15	10
100				VH323AWKGL	VH323DSGL	RFK10	Factory Included	7-1/2	15	15	30	20
200				VH324AWKGL	VH324DSGL	HRK1020	Factory Included	15	25	—	60	40
400	H325	H325R	PKOGTA2	H325AWK	H325DS	HRK4060	LSBG203	—	50	—	125	50
600	H326	H326R	PKOGTA2	H326AWK	H326DS	HRK4060	LSBG203	—	75	—	200	50
800	H327	H327R	PKOGTA7	H327AWK	—	—	LSBF203	50	—	—	—	50
1200	H328	H328R	PKOGTA8	H328AWK	—	—	LSBF203	50	—	—	—	50
4 Wire (3 Blade and Fuseholder, 1 neutral) –240 Vac 250 Vdc												
30	VH321N	VH321NRB	GTK03	VH321NAWKGL	VH321NDSGL	RFK03L	Factory Included	1-1/2	3	3	7-1/2	5
60	VH322N	VH322NRB	GTK03	VH322NAWKGL	VH322NDSGL	RFK03H	Factory Included	3	7-1/2	10	15	10
100	VH323N	VH323NRB	GTK0610	VH323NAWKGL	VH323NDSGL	RFK10	Factory Included	7-1/2	15	15	30	20
200	VH324N	VH324NR	PKOGTA2	VH324NAWKGL	VH324NDSGL	HRK1020	Factory Included	15	25	—	60	40
400	H325N	H325NR	PKOGTA2	H325NAWK	H325NDS	HRK4060	LSBG203	—	50	—	125	50
600	H326N	H326NR	PKOGTA2	H326NAWK	H326NDS	HRK4060	LSBG203	—	75	—	200	50
800	H327N	H327NR	PKOGTA7	H327NAWK	—	—	LSBF203	50	—	—	—	50
1200	H328N	H328NR	PKOGTA8	H328NAWK	—	—	LSBF203	50	—	—	—	50

Accessories: see page 3-17

Dimensions: NEMA Type 1 and 3R, see page 3-23

Dimensions: NEMA Type 4, 4X and 5 Stainless and NEMA Type 12, see page 3-24

[1] For rainproof bolt-on hubs and water resistant hubs.

[2] Factory included to protect against inadvertent contact with live parts per .UL 869A and NEC Service entrance barrier requirements.

[3] For switching dc, use two outside switching poles.

[4] For corner grounded delta systems, use switching poles for ungrounded conductors. See data bulletin 2700DB0202 for additional information.

600 Volt—Single Throw Fusible

Table 3.14: 600 Volt—Single Throw Fusible

Amp	Type 1	Type 3R [5]	Equipment Ground Kit	Type 12 [5]	Type 4X 304 SS [5]	Class R Fuse Kits	Line Side Barriers [6]	Horsepower Ratings					
								Std (Fast Acting One-Time Fuses)		Max (Dual Element Time-Delay Fuses)		250 Vdc [7]	600 Vdc
2 Wire (2 Blade and Fuseholder) – 600 Vac 600 Vdc								1Ø	3Ø	1Ø	3Ø		
30	Use device with three blade												
60													
100													
200													
400	H265	H265R	PKOGTA2	H265AWK	H265DS	HRK4060	LSBG602	100	250	—	—	50	50
600	H266	H266R	PKOGTA2	H266AWK	H266DS	HRK4060	LSBG602	150	400	—	—	50	50
800	H267	H267R	PKOGTA7	H267AWK	—	—	LSBF602	—	—	—	—	50	
1200	H268	H268R	PKOGTA8	H268AWK	—	—	LSBF602	—	—	—	—	50	

Amp	Type 1	Type 3R	Equipment Ground Kit	Type 12	Type 4X 304 SS	Class R Fuse Kits	Line Side Barriers	Horsepower Ratings					
								3Ø Std (Fast Acting One-Time Fuses)	3Ø Max (Dual Element Time-Delay Fuses)	250 Vdc	600 Vdc		
												480 V	600 V
3 Wire (3 Blade and Fuseholder) – 600 Vac 600 Vdc													
30	VH361	VH361RB	GTK03	VH361AWKGL	VH361DSGL	RFK03L	Factory Included	5	15	7-1/2	20	5	15
30	—	—	—	VH3613AWKGL	VH3613DSGL	RFK03L	Factory Included	5	15	7-1/2	20	—	15
60	VH362	VH362RB	GTK03	VH362AWKGL	VH362DSGL	RFK03H	Factory Included	15	30	15	50	—	30
100	VH363	VH363RB	GTK0610	VH363AWKGL	VH363DSGL	RFK10	Factory Included	25	60	30	100	—	50
200	VH364	VH364R	PKOGTA2	VH364AWKGL	VH364DSGL	HRK1020	Factory Included	50	125	60	150	40	50
400	H365	H365R	PKOGTA2	H365AWK	H365DS	HRK4060	LSBG602	100	250	125	350	50	50
600	H366	H366R	PKOGTA2	H366AWK	H366DS	HRK4060	LSBG602	150	400	200	500	50	50
800	H367	H367R	PKOGTA7	H367AWK	—	—	LSBF602	200	500	250	500	—	50
1200	H368	H368R	PKOGTA8	H368AWK	—	—	LSBF602	200	500	250	500	—	50
4 Wire (3 Blade and Fuseholder, 1 neutral) – 600 Vac 600 Vdc													
30	VH361N	VH361NRB	GTK03	VH361NAWKGL	VH361NDSGL	RFK03L	Factory Included	5	15	7-1/2	20	5	15
60	VH362N	VH362NRB	GTK03	VH362NAWKGL	VH362NDSGL	RFK03H	Factory Included	15	30	15	50	—	30
100	VH363N	VH363NRB	GTK0610	VH363NAWKGL	VH363NDSGL	RFK10	Factory Included	25	60	30	100	—	50
200	VH364N	VH364NR	PKOGTA2	VH364NAWKGL	VH364NDSGL	HRK1020	Factory Included	50	125	60	150	40	50
400	H365N	H365NR	PKOGTA2	H365NAWK	H365NDS	HRK4060	LSBG203	100	250	125	350	50	50
600	H366N	H366NR	PKOGTA2	H366NAWK	H366NDS	HRK4060	LSBG203	150	400	200	500	50	50
800	H367N	H367NR	PKOGTA7	H367NAWK	—	—	LSBF203	200	500	250	500	—	50
1200	H368N	H368NR	PKOGTA8	H368NAWK	—	—	LSBF203	200	500	250	500	—	50

Accessories: see page 3-17

Dimensions: NEMA Type 1 and 3R, see page 3-23

Dimensions: NEMA Type 4, 4X and 5 Stainless and NEMA Type 12, see page 3-24

Table 3.15: Fusible Switch UL Listed Maximum Short Circuit Current Ratings — AC Only

Fuse Class	UL Listed Short Circuit Rating
Plug	10 kA
H, K	10 kA
R	10 kA [8]
R with Rejection Fuse Clips	100 kA
J	100 kA
T	100 kA

[5] For rainproof bolt-on hubs and water resistant hubs.

[6] Factory Included to protect against inadvertent contact with live parts per UL 869A and NEC service entrance barrier requirements.

[7] For switching dc, use two outside switching poles.

[8] Class R fuses are rated for 100 kA, however without the rejection fuse clips - system is limited to 10 kA since Class H or K fused could be installed in the future.

Table 3.19: 4-Pole and 6-Pole NOT SUITABLE FOR SERVICE ENTRANCE

Amp	Fusible	Class R		NonFusible	Line Side	Horsepower Ratings Max (Dual Element Time-Delay Fuses)							
		Fuse Kits	Barriers <i>[16]</i>			240 V		480 V		600 V		250 Vdc	600 Vdc
						2Ø	3Ø	2Ø	3Ø	2Ø	3Ø		
4-Wire (4 Blade) – 600 Vac 600 Vdc Type 12													
30	H461AWK	RFK03L	—	Factory Included	10	10	20	20	25	30	10	15	
30	—	—	HU461AWK (Series F6)	Factory Included	10	10	20	20	25	30	5	15	
60	H462AWK	RFK03H	HU462AWK	Factory Included	20	20	40	50	50	60	10	30	
100	H463AWK	RFK10	HU463AWK	Factory Included	30	40	50	75	50	75	20	30	
200	H464AWK	HRK1020	HU464AWK	Factory Included	50	60	50	125	50	150	40	50	
400	H465AWK	HRK4060	HU465AWK	Qty. (2): LSBG602	—	125	—	250	—	350	50	50	
4-Wire (4 Blade) – 600 Vac 600 Vdc Type 4X													
30	H461DS	RFK03L	HU461DS	Factory Included	10	10	20	20	25	30	10	15	
60	H462DS	RFK03H	HU462DS	Factory Included	20	20	40	50	50	60	10	30	
100	H463DS	RFK10	HU463DS	Factory Included	30	40	50	75	50	75	20	30	
200	H464DS	HRK1020	HU464DS	Factory Included	50	60	50	125	50	150	40	50	
400	H465DS	HRK4060	HU465DS	Qty. (2): LSBG602	—	125	—	250	—	350	50	50	
6-Wire (6 Blade) – 600 Vac 600 Vdc Type 12													
30	—	—	HU661AWK	Factory Included	—	10	—	20	—	30	—	—	
60	—	—	HU662AWK	Factory Included	—	20	—	50	—	60	—	—	
100	H663AWK	RFK10	HU663AWK	Factory Included	—	50	—	75	—	75	—	—	
200	H664AWK	HRK1020	HU664AWK	Factory Included	—	60	—	125	—	150	—	—	
6-Wire (6 Blade) – 600 Vac 600 Vdc Type 4X													
30	—	—	HU661DS	Factory Included	—	10	—	20	—	30	—	—	
60	—	—	HU662DS	Factory Included	—	20	—	50	—	60	—	—	
100	H663DS	RFK10	HU663DS	Factory Included	—	50	—	75	—	75	—	—	
200	H664DS	HRK1020	HU664DS	Factory Included	—	60	—	125	—	150	—	—	

[16] Factory Included to protect against inadvertent contact with live parts per UL 869A and NEC service entrance barrier requirements.