

Safety Switches

Heavy Duty — 240V AC, 10,000 & 200,000 Amp Withstand Cartridge Fuse Type 1 & Type 3R



Switch Selection with Class "H" Fuse Holders (Convertible to Class "J", "R" or "T")^①

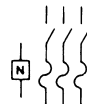
		Indoor TYPE 1		Outdoor TYPE 3R		Horsepower Rating									
						Single Phase		Three Phase							
						240V AC	240V AC	250V DC							
Symbol	Amps	Cat #	List Each	Std. Pkg.	Approx. Wgt. Lbs.	Cat #	List Each	Std. Pkg.	Approx. Wgt. Lbs.	Hub	Std	Max ^③	Std	Max ^③	
FUSIBLE 2 POLE 3 WIRE S/N 240V AC (INSULATED GROUNDABLE NEUTRAL)^{④⑤⑧}															
Fig-1	30	HHN321N	272.00	1	12.00	HHN321NW	516.00	1	13.00	ECHS	1½	3	3	7½	5
	60	HHN322N	543.00	1	18.00	HHN322NW	969.00	1	19.00	ECHS	3	10	7½	15	10
	100	HHN323N	828.00	1	23.00	HHN323NW	1244.00	1	24.00	ECHS	7½	15	15	30	20
	200	HHN324N	1474.00	1	47.00	HHN324NW	1802.00	1	48.00	ECHS	15	—	25	60	40
	400	HHN325NH ^⑥	3593.00	1	129.00	HHN325NWH ^⑥	4808.00	1	131.00	ECHV ^⑦	15	—	50	125	50
	400	HHN325N	3621.00	1	153.00	HHN325NW	4833.00	1	157.00	ECHV ^⑦	15	—	50	125	50
	600	HHN326NH ^⑥	6611.00	1	133.00	HHN326NWH ^⑥	8816.00	1	135.00	ECHV ^⑦	15	—	75	200	—
	600	HHN326N	6642.00	1	155.00	HHN326NW	8852.00	1	159.00	ECHV ^⑦	15	—	75	200	—
	800	HLN327N ^{⑧⑨}	11783.00	1	360.00	—	—	—	—	—	—	—	100	250	—
	1200	HLN328N ^{⑧⑨}	14509.00	1	362.00	—	—	—	—	—	—	—	100	250	—
FUSIBLE 3 POLE 4 WIRE S/N 240V AC (INSULATED GROUNDABLE NEUTRAL)^{⑤⑧}															
Fig-2	30	HHN421N	356.00	1	14.00	HHN421NW	657.00	1	15.00	ECHS	1½	3	3	7½	5
	60	HHN422N	602.00	1	19.00	HHN422NW	1038.00	1	20.00	ECHS	3	10	7½	15	10
	100	HHN423N	960.00	1	25.00	HHN423NW	1484.00	1	26.00	ECHS	7½	15	15	30	20
	200	HHN424N	1664.00	1	49.00	HHN424NW	2020.00	1	50.00	ECHS	15	—	25	60	40
	400	HHN425NH ^⑥	4411.00	1	137.00	HHN425NWH ^⑥	4922.00	1	138.00	ECHV ^⑦	15	—	50	125	50
	400	HHN425N	4434.00	1	158.00	HHN425NW	4946.00	1	162.00	ECHV ^⑦	15	—	50	125	50
	600	HHN426NH ^⑥	7497.00	1	139.00	HHN426NWH ^⑥	9915.00	1	142.00	ECHV ^⑦	15	—	75	200	—
	600	HHN426N	7530.00	1	161.00	HHN426NW	9952.00	1	165.00	ECHV ^⑦	15	—	75	200	—
	800	HLN427N ^{⑧⑨}	14407.00	1	380.00	HLN427NW ^{⑧⑨}	18477.00	1	383.00	ECHV ^⑦	—	—	100	250	—
	1200	HLN428N ^{⑧⑨}	17963.00	1	382.00	HLN428NW ^{⑧⑨}	22361.00	1	385.00	ECHV ^⑦	—	—	100	250	—

Accessories and Lug Data — See pages 5-11 and 5-12.
 Dimensions — See pages 5-14 and 5-15.
 Knockout Drawings — See pages 5-16 and 5-17.

Figure 1



Figure 2



① Switches through 1200 Amps listed by Underwriters' Laboratories for use on circuits delivering up to 200,000 Amps RMS symmetrical fault current, provided class "R", "J", "L", or "T" fuses are used. Rejection kits must be installed for "R" fuse application. "T" fuse adapter kit required for "T" fuse application. See Accessory Page.
 "J" fuses can only be used on 100-600A ratings.
 "T" fuses can only be used on 100-1200A ratings.

② Factory set for use with class "L" fuses.
 ③ Starting current of motors above standard horsepower rating may require use of time delay fuses.
 ④ Suitable for 3-pole motor loads.
 ⑤ Suitable for service entrance application. Neutral factory-installed.
 ⑥ Supplied without knockouts.

⑦ 400A and larger Type 3R switches have no provisions for mounting hubs. Drill or punch hole in the field to accommodate hub size desired.
 ⑧ Also rated 250V DC
 ⑨ Height reduced switch (45.25 rather than 56 inches in height) for use with 500MCM or smaller conductors.

Safety Switches

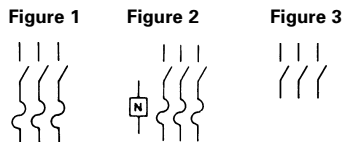
Heavy Duty — 600v AC, 10,000 & 200,000 Amp Withstand Cartridge Fuse Type 1 & Type 3R



Switch Selection with Class "H" Fuse Holders (Convertible to Class "J", "R" or "T")^①

Indoor TYPE 1			Outdoor TYPE 3R			Horsepower Rating												
Symbol	Amps	Cat #	List Each	Approx. Wgt. Lbs. (Std. Pkg.—1)	Cat #	List Each	Approx. Wgt. Lbs. (Std. Pkg.—1)	Hub	480V AC 1Ø	480V AC 3Ø	600V AC 1Ø	600V AC 3Ø	250V DC	600V DC				
									Std	Max ^②	Std	Max ^②	Std	Max ^②	Std	Max ^②		
FUSIBLE 3 POLE 600V AC (NO NEUTRAL)^{③④}																		
Fig-1	30	HHN361	602.00	14.00	HHN361AW	1043.00	15.00	ECHS	3	7½	5	15	3	10	7½	20	5	—
	60	HHN362	717.00	19.00	HHN362AW	1223.00	20.00	ECHS	5	20	15	30	10	25	15	50	10	25
	100	HHN363	1379.00	24.00	HHN363AW	1895.00	25.00	ECHS	10	30	25	60	15	40	30	75	20	25
	200	HHN364	1940.00	48.00	HHN364AW	2591.00	49.00	ECHS	25	50	50	125	30	50	60	150	40	50
	400	HHN365H ^⑤	5168.00	136.00	HHN365AWH ^⑤	6230.00	137.00	ECHV ^⑥	—	—	100	250	—	—	350	50	—	—
	400	HHN365	5192.00	154.00	HHN365AW	6257.00	157.00	ECHV ^⑥	—	—	100	250	—	—	125	350	50	—
	600	HHN366H ^⑤	8984.00	138.00	HHN366AWH ^⑤	12377.00	141.00	ECHV ^⑥	—	—	150	400	—	—	500	50	—	—
	600	HHN366	9013.00	157.00	HHN366AW	12404.00	217.00	ECHV ^⑥	—	—	150	400	—	—	200	500	50	—
	800	HLN367 ^⑦	15715.00	380.00	HLN367AW ^⑦	19054.00	382.00	ECHV ^⑥	—	—	200	500	—	—	200	500	—	—
	1200	HLN368 ^⑦	19847.00	383.00	HLN368AW ^⑦	23443.00	385.00	ECHV ^⑥	—	—	200	500	—	—	200	500	—	—
FUSIBLE 3 POLE 4 WIRE S/N 480Y / 277V AC (INSULATED GROUNDABLE NEUTRAL)^⑧																		
Fig-2	30	③	—	—	HHN461NW	1126.00	15.00	ECHS	3	7½	5	15	3	10	7½	20	5	—
	60	③	—	—	HHN462NW	1305.00	20.00	ECHS	5	20	15	30	10	25	15	50	10	25
NON-FUSIBLE 3 POLE 600V AC (USE FOR 2 POLE)^{⑨⑩⑪}																		
Fig-3	30	HUN361	317.00	12.00	HUN361AW	564.00	13.00	ECHS	7½	—	—	15	—	10	—	20	5	—
	60	HUN362	564.00	18.00	HUN362AW	992.00	19.00	ECHS	20	—	—	30	—	25	—	50	10	25
	100	HUN363	916.00	23.00	HUN363AW	1418.00	24.00	ECHS	30	—	—	60	—	40	—	75	20	25
	200	HUN364	1393.00	46.00	HUN364AW	1713.00	47.00	ECHS	50	—	—	125	—	50	—	150	40	50
	400	HUN365	3252.00	114.00	HUN365AW	4353.00	118.00	ECHV ^⑥	—	—	—	250	—	—	—	350	50	—
	600	HUN366	5795.00	116.00	HUN366AW	8636.00	120.00	ECHV ^⑥	—	—	—	400	—	—	—	500	—	—

Accessories and Lug Data — See pages 5-11 and 5-12.
 Dimensions — See pages 5-14 and 5-15.
 Knockout Drawings — See pages 5-16 and 5-17.



① Switches through 1200 Amps listed by Underwriters' Laboratories for use on circuits delivering up to 200,000 Amps RMS symmetrical fault current, provided class "R", "J", "L", or "T" fuses are used. Rejection kits must be installed for "R" fuse applications.
 ② Class "L" fuse provision. Single fuse per pole. Supplied without knockouts.
 ③ Order 3 pole switch from chart above, and neutral from accessory page.
 ④ Starting current of motors above standard horsepower rating may require use of time delay fuses.

⑤ For service equipment or applications requiring a solid neutral, order neutral kit as an accessory, page 5-11.
 ⑥ 60-200A switches are also rated 600V DC when 2 poles are connected in series.
 ⑦ 400A and larger Type 3R switches have no provisions for mounting hubs. Drill or punch hole in the field to accommodate hub size desired.
 ⑧ Height reduced switch (45.25 rather than 56 inches in height) for use with 500MCM or smaller conductors.

⑨ Non-fusible switches also have the following max. HP ratings.

Amps	1Ø 240V AC	3Ø 240V AC
30	5	10
60	10	20
100	15	40
200	15	60
400	15	125
600	15	200

Safety Switches

Heavy Duty—600V AC, 10,000 & 200,000 Amp Withstand Cartridge Fuse Industrial Type 12 & 4X



Accessories and Lug Data —
See pages 5-11 and 5-12.
Dimensions —
See pages 5-14 and 5-15.

Figure 1



Figure 2



Switch Selection With Class "H" Fuse Holders (Convertible To Class "J", "R" or "T")^①

Industrial Type 12					Horsepower Rating					
Symbol	Amps	Cat #	List Each	Approx. Wgt. Lbs. (Std. Pkg.—1)	480V AC 3Ø					
					Std	Max ^②	Std	Max ^②		
FUSIBLE 3 POLE 600V AC (NO NEUTRAL)^{③④}										
Fig-1	30	HHN361AJ	1061.00	14.00	5	15	7½	20	5	—
	60	HHN362AJ	1170.00	20.00	15	30	15	50	10	25
	100	HHN363AJ	1898.00	25.00	25	60	30	75	20	25
	200	HHN364AJ	2657.00	49.00	50	125	60	150	40	50
NON-FUSIBLE 3 POLE 600V AC (USE FOR 2 POLE)^{③④⑤⑥}										
Fig-2	30	HUN361AJ	710.00	13.00	—	20	—	30	5	—
	60	HUN362AJ	1003.00	19.00	—	50	—	60	10	25
	100	HUN363AJ	1418.00	24.00	—	75	—	100	20	25
	200	HUN364AJ	1794.00	47.00	—	125	—	150	40	50
400	HUN365AJ	4401.00	119.00	—	250	—	350	50	—	

Type 4X Stainless Steel

Type 4X Stainless Steel					Horsepower Rating					
Symbol	Amps	Cat #	List Each	Approx. Wgt. Lbs. (Std. Pkg.—1)	480V AC 3Ø					
					Std	Max ^②	Std	Max ^②		
FUSIBLE 3 POLE 240V AC (NO NEUTRAL)^{③④}										
Fig-1	30	HHN321AS	2524.00	14.00	③	⑤	—	—	5	—
	60	HHN322AS	2893.00	20.00	③	⑤	—	—	10	—
FUSIBLE 3 POLE 600V AC (NO NEUTRAL)^{③④}										
Fig-1	30	HHN361AS	2842.00	13.00	5	15	7½	20	5	—
	60	HHN362AS	3048.00	20.00	15	30	15	50	10	25
	100	HHN363AS	5965.00	25.00	25	60	30	75	20	25
	200	HHN364AS	8477.00	49.00	50	125	60	150	40	50
NON-FUSIBLE 3 POLE 600V AC (NO NEUTRAL)^{③④⑤⑥}										
Fig-2	30	HUN361AS	2337.00	13.00	—	20	—	30	5	—
	60	HUN362AS	2745.00	19.00	—	50	—	60	10	25
	100	HUN363AS	5510.00	24.00	—	75	—	100	20	25
	200	HUN364AS	7503.00	47.00	—	125	—	150	40	50

① Switches through 400 Amps listed by Underwriters' Laboratories for use on circuits delivering up to 200,000 Amps RMS symmetrical fault current, provided class "J", "R" or "T" fuses are used. Rejection kits must be installed for "R" fuse applications.

② Starting current of motors above standard horsepower rating may require use of time delay fuses.

③ For service equipment or applications requiring a solid neutral, order neutral kit as an accessory, page 5-11.

④ Use 3 pole switch for 2 pole applications.

⑤ 240V 3Ø HP ratings are as follows:

Amps	HP Std	HP Max. Fusible	HP Max. Non-Fusible
30	3	7½	10
60	7½	15	20
100	15	30	40
200	25	60	60

⑥ 60-200A switches are also rated 600V DC when 2 poles are connected in series.