Heavy Duty Safety Switches

GE's Type TH heavy duty safety switches are designed for commercial and industrial applications where safety, high performance and continuity of service are essential. Heavy duty switches are available in 30-1200 amps, 600 Vac, 600 Vdc maximum, fusible and non-fusible units, and in NEMA Type 1 (indoor), Type 3R (outdoor), Type 4/4X (water and dust-tight, corrosion resistant), and Type 5/12 (drip and dust-tight) enclosures. When used with Class R or J fuses, 30-600 amp switches have a UL Listed short circuit rating of 200,000 rms symmetrical amps. Switches rated 800-1200 amps use Class L fuses and have a UL Listed short circuit rating of 100,000 rms symmetrical amps. GE's heavy duty safety switches are UL Listed as service entrance equipment when installed in accordance with the National Electrical Code.

All GE Heavy Duty safety switches carry the following certifications:

- UL Listed and cUL Listed (UL98 Enclosed Switches/CSA-C22.2 No. 4-04)
- Federal Specification WS-865C
- NEMA Enclosed Safety Switch Standard KS1-2013
- · Seismic Certified

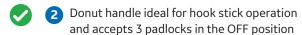
Features

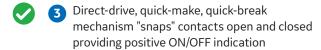




200A/Fusible/3 Pole/600V/N3R TH3364R









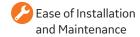
Self-leveling, three-point mounting system

Coin-proof, defeatable interlock

Clear line shield allows visual confirmation of plated blade positions while helping to protect against accidental contact with live parts

Spring reinforced fuse clips assure reliable contact for cool operation. Suitable for Class H, K, J or R fuses, where applicable

Safety







Heavy Duty Safety Switches (continued)

Fusible

		Product	Number					Horsepowe	er Rating					DC	Нр
	Amperage Rating	NEMA	NEMA Tomo ZD	Three-P		Single-P 480 V		Three-P 480 V		Single-P 600 V		Three-P 600 V		125 Vdc	250 Vdc
	nuting	Type 1 Indoor	Type 3R Outdoor	Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	Time Delay		dard
	Pole / 2 Wire ¹	600V / 50/60) Hz												
\$ \$	800	TC72267 ^{2,3}	TC72267R ^{2,3}												
ξξ	1200	TC72268 ^{2,3,8}	TC72268R ^{2,3,8}												
Fusible / 3 F	Pole / 3 Wire /	600V / 50/60	Hz												
		TH3361	TH3361R												
	30		TH3361RF ⁶		7.5	3	7.5	5	15	3	10	7.5	20		5
			TH3361RF2 ⁶												
	60	TH3362	TH3362R			5	20	15	30	10	25	15	50	5	10
9,9,9	60		TH3362RF ⁶			5	20	15	30	10	25	15	50	5	10
252 253 255	100	TH3363	TH3363R			10	30	25	60	15	40	30	75		20
000	200	TH3364 ⁴	TH3364R ⁷			25	50	50	125	30	50	60	150		40
	400	TH33654	TH3365R	50	125			100	250			125	350		50
	600	TH33664	TH3366R	75	200			150	400			200	500		50
	800	TC72367 ^{2,3,5}	TC72367R ^{3,5}												
	1200	TC72368 ^{2,3,5,8}	TC72368R ^{3,5,8}												
Fusible / 3 F	Pole / 4 Wire /	600V / 50/60	Hz (Neutral f	actory insta	lled)										
	30	TH4361	TH4361R		7.5	3	7.5	5	15	3	10	7.5	20		5
9999 M ((((60	TH4362	TH4362R			5	20	15	30	10	25	15	50	5	10
7888	100	TH4363	TH4363R			10	30	25	60	15	40	30	75		20
	200	TH4364	TH4364R			25	50	50	125	30	50	60	150		40
Fusible / 3 F	Pole / 4 Wire/	500V / 50/60	Hz CSA Certif	ied for servi	ce entra	nce									
	200	TH4364C	TH4364RC			25	50	50	125	30	50	60	150		40
የዒዒያ	400	TH4365C	TH4365RC	50	125			100	250			125	350		50
\$33	600	TH4366C	TH4366RC	75	200			150	400			200	500		50
0000	800	TH4367C	TH4367RC												
	1200	TH4368C	TH4368RC												

		Product	Number	Horsepower Rating				DC Hp							
	Amperage Rating	NEMA Toma 5	NEMA Type	Three-Pl 240 V		Single-P 480 V		Three-P 480 V		Single-P 600 V		Three-P 600 V		125 Vdc	250 Vdc
		Type 5, 12 Indoor	3R, 5, 12 Outdoor	Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	Time Delay		idard ise
Fusible / 3 Po	ole / 3 Wire /	600V / 50/60	Hz												
	30	TH3361J ⁷	TH3361JR		7.5	3	7.5	5	15	3	10	7.5	20		5
	60	TH3362J ⁷	TH3362JR			5	20	15	30	10	25	15	50	5	10
999 ('('(100	TH3363J ⁷	TH3363JR			10	30	25	60	15	40	30	75		20
हहह	200	TH3364J ⁷	TH3364JR			25	50	50	125	30	50	60	150		40
	400	TH3365J	TH3365JR	50	125			100	250			125	350		50
	600	TH3366J	TH3366JR	75	200			150	400			200	500		50

 $^{^{\}rm 13}$ wire with neutral kit. For 800A use TNI67; for 1200A use TNI68A.

Add "B" suffix.

 $^{^{2}\}mbox{Rated}$ 600 Vac only. Accepts Class L fuses only. Type HD electrical performance does not apply.

³Order switch and neutral separately.

 $^{^4\}mbox{Type 1}$ Enclosure: 200-600 Amp devices available, factory reversed for bottom feed.

 $^{^{\}rm 5}4$ wire with neutral kit. For 800A use TNI67; for 1200A use TNI68A.

 $^{^6\}mathrm{Farm}$ Switch with oversize Type 3R enclosure with vertical hinge. See page 29 for dimensions.

 $^{^{7}\}mbox{Available}$ with Viewing Window. Add "W" suffix.

 $^{^8\}text{Suitable}$ for use as service entrance equipment except on 1200A solidly grounded wye systems per NEC 230.95

Heavy Duty Safety Switches (continued)

Non-Fusible

		P	Product Numbe	er			Horsepov	ver Rating			DC Hp
	Amperage Rating	NEMA Type 1	NEMA Type 3R	NEMA	Single- Phase	Three- Phase	Single- Phase	Three- Phase	Single- Phase	Three- Phase	250 Vdc
		Indoor	Outdoor	Type 5, 12	240 Vac	Standard	480 Vac	Standard	600 Vac	Standard	Standard
Non-Fusible	on-Fusible / 3 Pole / 3 Wire / 240V / 50/60 Hz										
	30	THN3321			3	10					5
Non-Fusible	3 Pole / 3 Wi	re / 600V / 50/6	0 Hz								
		THN3361 ²	THN3361R	THN3361J ^{2,3}							
	30		TH3361RF4		3	10	7.5	20	10	30	5
			TH3361RF24								
	60	THN3362 ²	THN3362R	THN3362J ^{2,3}	10	20	20	50	25	60	103
የየየ	60		THN3362RF ⁴		10	20	20	50	25	60	103
 - - - -	100	THN3363 ²	THN3363R	THN3363J ^{2,3}	20	40	30	75	40	100	20
999	200	THN3364 ^{1,2}	THN3364R	THN3364J ³	30	60	50	125	50	150	40
	400	THN33651	THN3365R	THN3365J		125		250		350	50
	600	THN33661	THN3366R	THN3366J		200		400		500	50
	800	TC36367									
	1200	TC36368⁵									

 $^{^1\}text{Type}$ 1 Enclosure: 200-600 Amp devices available factory reversed for bottom feed. Add "B" suffix.

DC Rated Heavy Duty Safety Switches

		Product Number			DC Horsepower Ratings						
	Amperage	NEMA	NEMA NEMA		EMA 125 Vdc		250 Vdc	600 Vdc			
	Rating	Type 1 Indoor	Type 3R Outdoor	Type 5, 12	Standard Fuse	Time Delay	Standard Fuse	Standard Fuse	Time Delay		
Fusible / 2 Po	le / 2 Wire / 6	00Vdc / 50/60 H	łz								
99	30	TH2261DC	TH2261RDC	TH2261JDC	2	3	5	10	15		
53	60	TH2262DC	TH2262RDC	TH2262JDC	5		10	25			
ઠેઠ	100	TH2263DC	TH2263RDC	TH2263JDC			20	25			
Non-Fusible	2 Pole / 2 Wi	re / 600Vdc / 50	/60 Hz								
የየ	30	THN2261DC	THN2261RDC	THN2261JDC	3		5	15			
' / '/	60	THN2262DC	THN2262RDC	THN2262JDC	5		10	25			
99	100	THN2263DC	THN2263RDC	THN2263JDC			20	25			

Heavy Duty Safety Switch Short Circuit Ratings

Maximum	Ampere	UL LISTE	a Fusing	Enclosure
System Voltage	Rating	Class	Withstand Rating (rms Sym Amps)	Туре
Fusible				
		Н	10,000	N1
600 Vac		R	200,000 7	N3R
600 Vdc	30-1200	J	200,000 7	N4/4X N5
		L ⁶	100,000	N12
Non-Fusibl	e: Fuse with	stand ratings apply to non-f	used switches when protected	by an upstream fuse as listed
		No upstream protection	10,000	N1
		H upstream	10,000	N3R
600 Vac 600 Vdc	30-1200	R upstream	200,000	N4/4X
		J upstream	200,000	N5
		L upstream	100,000	N12

 $^{^6\}text{Class}$ L fuses are only applicable when used with 800 and 1200A Type TC safety switches.

Lug Wire Sizes Line and Load Terminals

Ampere Rating	Wire Range AWG/kcmil Copper	Wire Range AWG/kcmil Aluminum
30A (250V)	14-8	12-8
30A (600V)	12-2	12-2
60A	12-2	12-2
100A	10-1/0	10-1/0
200A	2-250	2-250
400A	(1) 2-600 or (2) 1/0-250	(1) 2-600 or (2) 1/0-250
600A	(2) 4-500	(2) 4-500
A008	(3) 2-600 or (6) 1/0-250	(3) 2-600 or (6) 1/0-250
1200A	(4) 3/0-800	(4) 3/0-800



²Available with Copper Lug. Add "CL" suffix

³Available with Viewing Window. Add "W" suffix.

 $^{^4\}mbox{Farm}$ switch with oversize Type 3R enclosure and vertical hinge. See page 29 for dimensions.

 $^{^5\}text{Suitable}$ for use as service entrance equipment except on 1200A solidly grounded wye systems per NEC 230.95

⁷Unless otherwise noted on the enclosure