

Enclosure Types

Type 1—Enclosures constructed for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment and to provide a degree of protection against falling dirt.

Type 3R—Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, and snow; and that will be undamaged by the external formation of ice on the enclosure

Type 4—Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, windblown dust, splashing water, and hose-directed water; and that will be undamaged by the external formation of ice on the enclosure.

Type 4X—Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, windblown dust, splashing water, hose-directed water, and corrosion; and that will be undamaged by the external formation of ice on the enclosure.

Type 5—Enclosures constructed for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt; against settling airborne dust, lint, fibers, and flyings; and to provide a degree of protection against dripping and light splashing of liquids.

Type 12—Enclosures constructed (without knockouts) for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt; against circulating dust, lint, fibers, and flyings; and to provide a degree of protection against dripping and light splashing of liquids.

Application Note: For applications of disconnecting means in motor circuit applications, disconnect must be sized based on ampacity per NEC 430-110, but not less than 115% of Motor Name-Plate current.

Comparison of Specific Applications of Enclosures for Indoor Nonhazardous Locations

Provides a Degree of Protection Against the Following Environmental Conditions	Type of Enclosure				
	1*	4	4X	5	12
Incidental contact with the enclosed equipment	X	X	X	X	X
Falling dirt	X	X	X	X	X
Falling liquids and light splashing	–	X	X	X	X
Circulating dust, lint, fibers, and flyings**	–	X	X	–	X
Settling airborne dust, lint, fibers, and flyings**	–	X	X	X	X
Hosedown and splashing water	–	X	X	–	–
Oil and coolant seepage	–	–	–	–	X
Corrosive agents	–	–	X	–	–

*These enclosures may be ventilated.

** These fibers and flyings are nonhazardous materials and are not considered Class III type ignitable fibers or combustible flyings. For Class III type ignitable fibers or combustible flyings see the National Electrical Code, Article 500.

Applications of Enclosures for Outdoor Nonhazardous Locations

Provides a Degree of Protection Against the Following Environmental Conditions	Type of Enclosure		
	3R*	4	4X
Incidental contact with the enclosed equipment	X	X	X
Rain, snow, and sleet**	X	X	X
Windblown dust, lint, fibers, and flyings	–	X	X
Hosedown	–	X	X
Corrosive agents	–	–	X

* These enclosures may be ventilated.

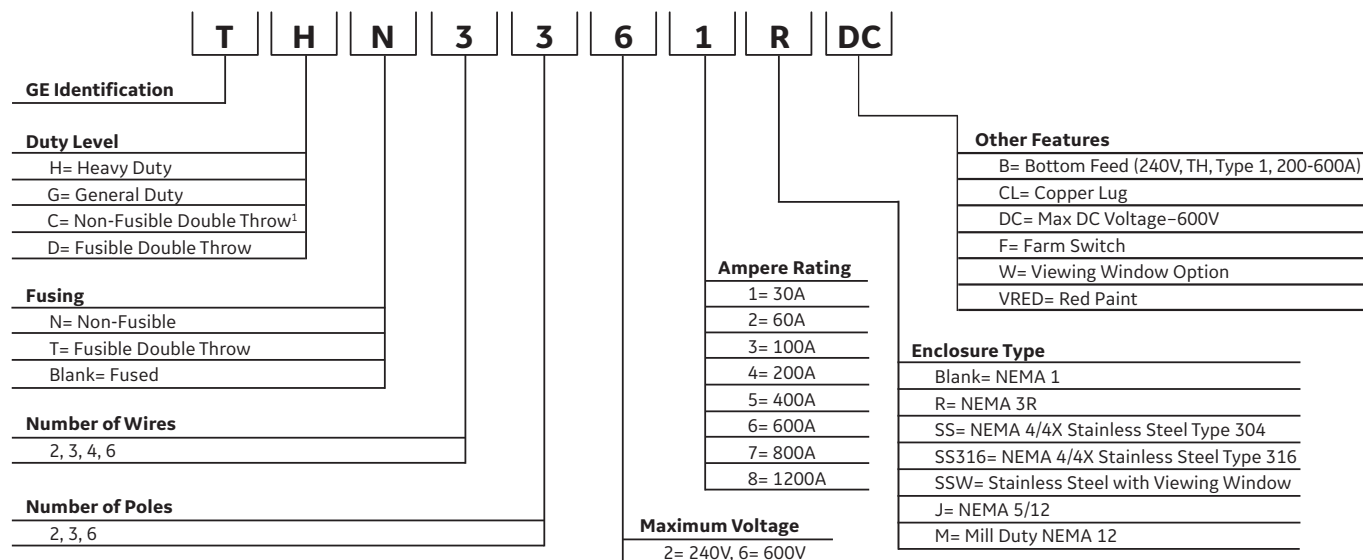
** External operating mechanisms are not required to be operable when the enclosure is ice covered.

Spec-Setter™ Safety Switches

Quick Selection Guide

Section 4

Product Number Structure



¹ 800A and 1200A non-double throw safety switches also use the C nomenclature

Note: This information is provided for interpreting numbers. It should not be used to build product numbers.

Safety Switches

Heavy Duty, Type TH

Spec-Setter™ Safety Switches
30-1200 Amperes
240 Volts AC
250 Volts DC

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Type TH Switches

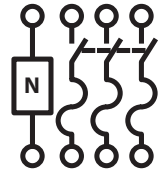
- Designed for commercial and industrial applications where safety, high performance and continuity of service are essential
- 30-1200 amps
- 600Vac maximum, 600Vdc maximum in fusible or non-fusible units
- NEMA Type 1 (indoor), Type 3R (outdoor), Type 4/4X (water and dust-tight, corrosion resistant) or Type 5/12 (drip and dust-tight) enclosures
- Donut handle ideal for hook stick operation and accepts 3 padlocks in the OFF position
- Direct-drive, quick-make, quick-break mechanism “snaps” contacts open and closed providing positive ON/OFF indication
- Self-leveling, three-point mounting system
- Coin-proof, defeatable interlock
- Clear line shield installed on all Heavy Duty 30-200 amp, 600V, all enclosure types
- Visible confirmation of plated blade contact positions
- Spring reinforced fuse clips assure reliable contact for cool operation. Suitable for Class H, K, J or R fuses, where applicable.
- With Class R fuses or J fuses, 30-600 amp switches have 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
- UL Listed as service entrance equipment when installed in accordance with the National Electric Code

All GE Heavy Duty safety switches carry the following certifications:

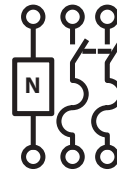
- UL Listed and cUL Listed
(UL98 Enclosed Switches/CSA-C22.2 No. 4-04)
- Federal Specification WS-865C
- NEMA Enclosed Safety Switch Standard KS1-2013
- Seismic Certified



Fusible, Two-pole,
240 Volts AC; 250 Volts DC
and Fusible Two-pole,
600 Volts DC,
(2 poles in series for 600 Vdc)



Fusible,
Four-wire solid neutral,
208/120 and 240 Volts AC



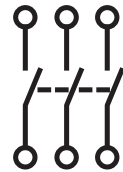
Fusible, Three-pole,
Three-wire solid neutral,
120/240 and 240 Volts AC



Non-fusible,
Two-pole, 600 Volts DC



Fusible, Three-pole,
240 Volts AC
480, 480Y/277 and 600 Volts
AC-250 Volts DC



Non-fusible,
Three-pole, 480 and
600 Volts AC-250 Volts DC
or Two-pole with
switching neutral

Safety Switches

Heavy Duty, Type TH

Spec-Setter™ Safety Switches

30-1200 Amperes

600 Volts AC

600 Volts DC

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Heavy Duty Safety Switches

	Amperage Rating	Product Number		Horsepower Rating										DC Hp	
		NEMA Type 1 Indoor	NEMA Type 3R Outdoor	Three-Phase 240 Vac		Single-Phase 480 Vac		Three-Phase 480 Vac		Single-Phase 600 Vac		Three-Phase 600 Vac		125 Vdc	250 Vdc
				Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	


Fusible / 2 Pole / 2 Wire / 600V / 50/60 Hz

800	TC72267 ^{1,2,7}	TC72267R ^{1,2,7}													
1200	TC72268 ^{1,2,7,8}	TC72268R ^{1,2,7,8}													


Fusible / 3 Pole / 3 Wire / 600V / 50/60 Hz

	30	TH3361	TH3361R		7.5	3	7.5	5	15	3	10	7.5	20		5
			TH3361RF ⁵												
			TH3361RF ²⁵												
	60	TH3362	TH3362R			5	20	15	30	10	25	15	50	5	10
			TH3362RF ⁵												
	100	TH3363	TH3363R			10	30	25	60	15	40	30	75		20
	200	TH3364 ³	TH3364R ⁶			25	50	50	125	30	50	60	150		40
	400	TH3365 ³	TH3365R	50	125			100	250			125	350		50
	600	TH3366 ³	TH3366R	75	200			150	400			200	500		50
	800	TC72367 ^{2,4}	TC72367R ⁴												
	1200	TC72368 ^{2,4,8}	TC72368R ^{4,8}												

Fusible / 3 Pole / 4 Wire / 600V / 50/60 Hz (Neutral factory installed)


	30	TH4361	TH4361R		7.5	3	7.5	5	15	3	10	7.5	20		5
	60	TH4362	TH4362R			5	20	15	30	10	25	15	50	5	10
	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 Pole / 4 Wire / 600V / 50/60 Hz CSA Certified for service entrance (Neutral factory installed)

	200	TH4364C	TH4364RC			25	50	50	125	30	50	60	150		40
	400	TH4365C	TH4365RC	50	125			100	250			125	350		50
	600	TH4366C	TH4366RC	75	200			150	400			200	500		50
	800	TH4367C	TH4367RC												
	1200	TH4368C	TH4368RC												

	Amperage Rating	Product Number		Horsepower Rating										DC Hp	
		NEMA Type 5, 12 Indoor	NEMA Type 3R, 5, 12 Outdoor	Three-Phase 240 Vac		Single-Phase 480 Vac		Three-Phase 480 Vac		Single-Phase 600 Vac		Three-Phase 600 Vac		125 Vdc	250 Vdc
				Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	


Fusible / 3 Pole / 3 Wire / 600V / 50/60 Hz

	30	TH3361J ⁶	TH3361JR		7.5	3	7.5	5	15	3	10	7.5	20		5
	60	TH3362J ⁶	TH3362JR			5	20	15	30	10	25	15	50	5	10
	100	TH3363J ⁶	TH3363JR			10	30	25	60	15	40	30	75		20
	200	TH3364J ⁶	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

Heavy Duty Safety Switches 6-Pole

	Amperage Rating	Product Number		Horsepower Rating								DC Hp	
		NEMA Type 1, 3R, 5, 12 Indoor/Outdoor		Single-Phase 480 Vac		Three-Phase 480 Vac		Single-Phase 600 Vac		Three-Phase 600 Vac		250 Vdc	
				Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	Time Delay	Standard Fuse	

Fusible / 6 Pole / 6 Wire / 600V / 50/60 Hz

	30	TH6661		3	7.5	5	15	3	10	7.5	20	5	
	60	TH6662		5	20	15	30	10	25	15	50	10	
	100	TH6663		10	30	25	60	15	40	30	75	20	
	200	TH6664		25	50	50	125	30	50	60	150	40	

¹ 3 wire with neutral kit ordered separately. For 800A use TNI67; for 1200A use TNI68A.

² Rated 600 Vac only. Accepts Class L fuses only. Type HD electrical performance does not apply.

³ Type 1 Enclosure: 200-600 Amp devices available, factory reversed for bottom feed. Add "B" suffix.

⁴ 4 wire with neutral kit ordered separately. For 800A use TNI67; for 1200A use TNI68A.

⁵ Farm Switch with oversize Type 3R enclosure with vertical hinge. See page 4-30 for dimensions.

⁶ Available with Viewing Window. Add "W" suffix.

⁷ For switches suitable for service entrance applications in Canada, order TH3267C, TH3267RC, TH3268C and TH3268RC.

⁸ Suitable for use as service entrance equipment except on 1200A solidly grounded wye systems per NEC 230.95.

Safety Switches Enclosure Dimensions

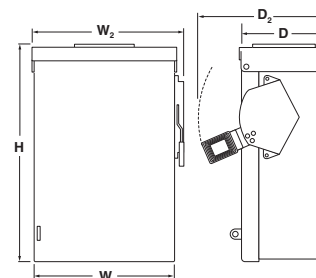
Spec-Setter™ Safety Switches

TH and TC, NEMA Type 1 and 3R Enclosures

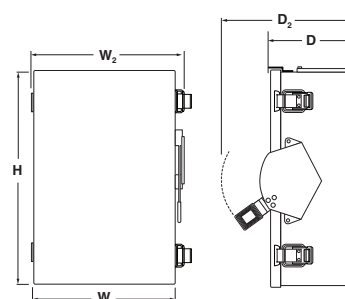
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Heavy Duty, NEMA Type 3R Approximate Dimensions in inches

Product Number	Dimension H	Dimension W (Box)	Dimension W ₂ (W/ Handle)	Dimension D (Box)	Dimension D ₂ (W/ Handle)	Weight (lbs)	Drawing #	KO Figure Number
TH2261RDC	13.1	8.2	8.9	4.0	7.9	11	10103091SH101	19
TH2262RDC	22.0	9.2	9.7	4.8	7.9	19	10103091SH101	10
TH2263RDC	22.1	9.3	10.2	4.9	9.8	20	10103091SH106	10
TH3221R	10.5	6.2	6.6	3.1	7.7	7	10103091SH101	8
TH3222R	17.2	9.2	9.7	4.8	7.9	16	10103091SH101	10
TH3223R	22.1	9.3	10.2	4.9	9.8	18	10103091SH106	10
TH3224R	31.7	13.4	14.3	5.4	9.5	34	10103091SH182	11
TH3224RC	31.7	13.4	14.3	5.4	9.5	34	10103091SH182	11
TH3225R	49.5	23.0	24.1	8.5	13.9	128	10103091SH140	18
TH3225RC	49.5	23.0	24.1	8.5	13.9	128	10103091SH140	18
TH3226R	53.5	23.0	24.1	8.5	13.9	134	10103091SH140	18
TH3226RC	53.5	23.0	24.1	8.5	13.9	134	10103091SH140	18
TH3267RC	61.5	40.8	44.0	11.9	18.5	500	10103091SH118	No KO
TH3268RC	76.6	46.6	45.8	12.9	18.9	490	10103091SH118	No KO
TH3325R	49.5	23.0	24.1	8.5	13.9	127	10103091SH140	18
TH3326R	53.5	23.0	24.1	8.5	13.9	139	10103091SH140	18
TH3361R	13.1	8.2	8.9	4.0	7.9	11	10103091SH101	19
TH3361RF	14.9	10.3	10.9	3.9	8.0	11	10103091SH133	No KO
TH3361RF2	22.4	13.3	14.0	4.8	9.9	23	10103091SH134	No KO
TH3362R	22.0	9.2	9.7	4.8	7.9	18	10103091SH101	10
TH3362RF	22.4	13.3	14.0	4.8	9.9	18	10103091SH134	No KO
TH3363R	22.1	9.3	10.2	4.9	9.8	19	10103091SH106	10
TH3364R	31.7	13.4	14.3	5.4	9.5	33	10103091SH182	11
TH3365R	53.5	23.0	24.1	8.5	13.9	132	10103091SH140	18
TH3366R	53.5	23.0	24.1	8.5	13.9	136	10103091SH140	18
TH4321R	10.5	6.2	6.6	3.1	7.7	7	10103091SH101	8
TH4322R	17.2	9.2	9.7	4.8	7.9	16	10103091SH101	10
TH4323R	22.1	9.3	10.2	4.9	9.8	18	10103091SH106	10
TH4324R	31.7	13.4	14.3	5.4	9.5	34	10103091SH182	11
TH4324RC	31.7	13.4	14.3	5.4	9.5	34	10103091SH182	11
TH4325RC	49.5	23.0	24.1	8.5	13.9	125	10103091SH140	No KO
TH4326RC	53.5	23.0	24.1	8.5	13.9	130	10103091SH140	No KO
TH4361R	13.1	8.2	8.9	4.0	7.9	11	10103091SH101	19
TH4362R	22.0	9.2	9.7	4.8	7.9	18	10103091SH101	10
TH4363R	22.1	9.3	10.2	4.9	9.8	19	10103091SH106	10
TH4364R	31.7	13.4	14.3	5.4	9.5	33	10103091SH182	11
TH4364RC	31.7	13.4	14.3	5.4	9.5	32	10103091SH182	No KO
TH4365RC	49.5	23.0	24.1	8.5	13.9	130	10103091SH140	No KO
TH4366RC	53.5	23.0	24.1	8.5	13.9	132	10103091SH140	No KO
TH4367RC	61.5	40.8	44.0	11.9	18.5	510	10103091SH118	No KO
TH4368RC	76.6	46.6	45.8	12.9	18.9	750	10103091SH118	No KO
THN2261RDC	13.1	8.2	8.9	4.0	7.9	11	10103091SH101	19
THN2262RDC	17.2	9.2	9.7	4.8	7.9	16	10103091SH101	10
THN2263RDC	17.3	9.3	10.2	4.9	9.8	16	10103091SH106	10
THN3361R	13.1	8.2	8.9	4.0	7.9	11	10103091SH101	19
THN3361RF	14.9	10.3	10.9	3.9	8.0	13	10103091SH133	19
THN3361RF2	22.4	13.3	14.0	4.8	9.9	22	10103091SH134	17
THN3362R	17.2	9.2	9.7	4.8	7.9	15	10103091SH101	10
THN3362RF	22.4	13.3	14.0	4.8	9.9	22	10103091SH134	17
THN3363R	17.3	9.3	10.2	4.9	9.8	15	10103091SH106	10
THN3364R	31.7	13.4	14.3	5.4	9.5	33	10103091SH182	11
THN3365R	49.5	23.0	24.1	8.5	13.9	122	10103091SH140	18
THN3366R	53.5	23.0	24.1	8.5	13.9	130	10103091SH140	18



Heavy Duty NEMA Type 3R



Heavy Duty NEMA Type 3R
200-600A Side Swing

800-1200A NEMA Type 1 and 3R Approximate Dimensions in inches

Product Number	Dimension H	Dimension W (Box)	Dimension W ₂ (W/ Handle)	Dimension D (Box)	Dimension D ₂ (W/ Handle)	Weight (lbs)	Drawing #	KO Figure Number
TC36367	52.0	31.3	34.5	10.5	18.5	317	10103091SH118	
TC36368	65.0	36.5	39.7	11.8	18.9	331	10103091SH118	
TC72267	61.5	40.8	44.0	11.9	18.5	377	10103091SH118	
TC72267R	61.5	40.8	44.0	11.9	18.5	480	10103091SH118	
TC72268	76.6	46.6	45.8	12.9	18.9	391	10103091SH118	
TC72268R	76.6	46.6	45.8	12.9	18.9	575	10103091SH118	
TC72367	61.5	40.8	44.0	11.9	18.5	377	10103091SH118	
TC72367R	61.5	40.8	44.0	11.9	18.5	480	10103091SH118	
TC72368	76.6	46.6	49.66	12.9	18.9	480	10103091SH118	
TC72368R	76.6	46.6	49.66	12.9	18.9	490	10103091SH118	