

Safety Switches Heavy Duty, Type TH

Spec-Setter™ Safety Switches

30-1200 Amperes

240 Volts AC

250 Volts DC

Fusible, Two-pole, 240 Volts AC; 250 Volts DC

Ampere Rating	Enclosure Type	HP, 240 Vac, NEC Std, 1-ph	HP, 240 Vac, NEC Std, 3-ph	HP, 240 Vac, Time Delay, 1-ph	HP, 240 Vac, Time Delay, 3-ph	HP, 125 Vdc	HP, 250 Vdc	Product Number
30A	NEMA Type 1	1 1/2	3	3	7 1/2	-	5	TH3221
60A	NEMA Type 1	3	7 1/2	10	15	5	10	TH3222
100A	NEMA Type 1	7 1/2	15	15	30	-	20	TH3223
200A	NEMA Type 1	15	25	-	60	-	40	TH3224
400A	NEMA Type 1	-	50	-	125	-	50	TH3225
600A	NEMA Type 1	-	75	-	200	-	-	TH3226
800A	NEMA Type 1	-	-	-	-	-	-	TC72267 ^{1,2}
1200A	NEMA Type 1	-	-	-	-	-	-	TC72268 ¹
30A	NEMA Type 3R	1 1/2	3	3	7 1/2	-	5	TH3221R
60A	NEMA Type 3R	3	7 1/2	10	15	5	10	TH3222R
100A	NEMA Type 3R	7 1/2	15	15	30	-	20	TH3223R
200A	NEMA Type 3R	15	25	-	60	-	40	TH3224R
400A	NEMA Type 3R	-	50	-	125	-	50	TH3225R
600A	NEMA Type 3R	-	75	-	200	-	50	TH3226R
800A	NEMA Type 3R	-	-	-	-	-	-	TC72267R ^{1,2}
1200A	NEMA Type 3R	-	-	-	-	-	-	TC72268R ^{1,2}
30A	NEMA Type 4/4X	1 1/2	3	3	7 1/2	-	5	TH2221SS ⁴
60A	NEMA Type 4/4X	3	7 1/2	10	15	5	10	TH2222SS ⁴
100A	NEMA Type 4/4X	7 1/2	15	15	30	-	20	TH3223SS ⁴
200A	NEMA Type 4/4X	15	25	-	60	-	40	TH3224SS ⁴
400A	NEMA Type 4/4X	-	50	-	125	-	50	TH3225SS
600A	NEMA Type 4/4X	-	75	-	200	-	50	TH3226SS
30A	NEMA Type 5, 12	1 1/2	3	3	7 1/2	-	5	TH2221J
60A	NEMA Type 5, 12	3	7 1/2	10	15	5	10	TH2222J
100A	NEMA Type 5, 12	7 1/2	15	15	30	-	20	TH3223J
200A	NEMA Type 5, 12	15	25	-	60	-	40	TH3224J
400A	NEMA Type 5, 12	-	50	-	125	-	50	TH3225J
600A	NEMA Type 5, 12	-	75	-	200	-	50	TH3226J

Fusible, Three-wire SN, 120/240 and 240 Volts AC; 250 Volts DC (30-600 amps)

Ampere Rating	Enclosure Type	HP, 240 Vac, NEC Std, 1-ph	HP, 240 Vac, NEC Std, 3-ph	HP, 240 Vac, Time Delay, 1-ph	HP, 240 Vac, Time Delay, 3-ph	HP, 125 Vdc	HP, 250 Vdc	Product Number
30A	NEMA Type 1	1 1/2	3	3	7 1/2	-	5	TH3221
60A	NEMA Type 1	3	7 1/2	10	15	5	10	TH3222
100A	NEMA Type 1	7 1/2	15	15	30	-	20	TH3223
200A	NEMA Type 1	15	25	-	60	-	40	TH3224
400A	NEMA Type 1	-	50	-	125	-	50	TH3225
600A	NEMA Type 1	-	75	-	200	-	50	TH3226
800A	NEMA Type 1	-	-	-	-	-	-	TC72267 ^{1,3}
1200A	NEMA Type 1	-	-	-	-	-	-	TN167
								TC72268 ^{1,3}
								TN168A
30A	NEMA Type 3R	1 1/2	3	3	7 1/2	-	5	TH3221R
60A	NEMA Type 3R	3	7 1/2	10	15	5	10	TH3222R
100A	NEMA Type 3R	7 1/2	15	15	30	-	20	TH3223R
200A	NEMA Type 3R	15	25	-	60	-	40	TH3224R
400A	NEMA Type 3R	-	50	-	125	-	50	TH3225R
600A	NEMA Type 3R	-	75	-	200	-	50	TH3226R
800A	NEMA Type 3R	-	-	-	-	-	-	TC72267R ^{1,2,3}
								TN167
								TC72268R ^{1,2,3}
								TN168A
30A	NEMA Type 4/4X	1 1/2	3	3	7 1/2	-	5	TH3221SS ⁴
60A	NEMA Type 4/4X	3	7 1/2	10	15	5	10	TH3222SS ⁴
100A	NEMA Type 4/4X	7 1/2	15	15	30	-	20	TH3223SS ⁴
200A	NEMA Type 4/4X	15	25	-	60	-	40	TH3224SS ⁴
400A	NEMA Type 4/4X	-	50	-	125	-	50	TH3225SS
600A	NEMA Type 4/4X	-	75	-	200	-	50	TH3226SS
30A	NEMA Type 5, 12	1 1/2	3	3	7 1/2	-	5	TH3221J
60A	NEMA Type 5, 12	3	7 1/2	10	15	5	10	TH3222J
100A	NEMA Type 5, 12	7 1/2	15	15	30	-	20	TH3223J
200A	NEMA Type 5, 12	15	25	-	60	-	40	TH3224J
400A	NEMA Type 5, 12	-	50	-	125	-	50	TH3225J
600A	NEMA Type 5, 12	-	75	-	200	-	50	TH3226J

¹Rated 600 Vac only. Accepts Class L fuses only. Type TH electrical performance does not apply.

²Not CSA certified.

³Order switch and neutral separately.

⁴Available with "-BA" suffix for ARRA compliance. Same list price and GO schedule. Contact GE Sales Office for other ARRA compliant safety switches.



Safety Switches Heavy Duty, Type TH

Spec-Setter™ Safety Switches

30-1200 Amperes

240, 480, 600 Volts AC

600 Volts DC

Four-pole, 480 and 600 Volts AC, No Fuse^{2,3}

Ampere Rating	Enclosure Type	HP, 240 Vac, NEC Std, 1-ph	HP, 240 Vac, NEC Std, 2-ph	HP, 480 Vac, Time Delay, 2-ph	HP, 600 Vac, Time Delay, 2-ph	HP, 125 Vdc	HP, 250 Vdc	HP, 600 Vdc	Product Number
30A	NEMA Type 1, 3R, 5, 12	-	10	20	25	-	5	-	THN6661
60A	NEMA Type 1, 3R, 5, 12	-	20	40	50	-	10	-	THN6662
100A	NEMA Type 1, 3R, 5, 12	-	30	50	50	-	20	-	THN6663
200A	NEMA Type 1, 3R, 5, 12	-	50	-	-	-	40	-	THN6664

Heavy Duty Safety Switches with 316 Stainless Steel Type NEMA 4/4X, Water and Dust-tight

- More resistant to general corrosion and pitting/crevice corrosion than 304 stainless steel
- Higher creep, stress-to-rupture and tensile strength at elevated temperatures than 304 stainless steel
- Excellent resistance to reducing acids and similar media
- Standard lead time 2 weeks

Three-pole 240/600 Volts—Fusible, 316 Stainless Steel

Ampere Rating	Enclosure Type	System Voltage	Product Number
30A	NEMA Type 4/4X	600Vac	TH3361SS316 ⁴
60A	NEMA Type 4/4X	600Vac	TH3362SS316 ⁴
100A	NEMA Type 4/4X	600Vac	TH3363SS316 ⁴
200A	NEMA Type 4/4X	600Vac	TH3364SS316 ^{4,5}
400A	NEMA Type 4/4X	600Vac	TH3365SS316
600A	NEMA Type 4/4X	600Vac	TH3366SS316

Three-pole 600 Volts—Non-Fusible, 316 Stainless Steel

Ampere Rating	Enclosure Type	System Voltage	Product Number
30A	NEMA Type 4/4X	600Vac	THN3361SS316 ⁴
60A	NEMA Type 4/4X	600Vac	THN3362SS316 ⁴
100A	NEMA Type 4/4X	600Vac	THN3363SS316 ⁴
200A	NEMA Type 4/4X	600Vac	THN3364SS316 ⁴
400A	NEMA Type 4/4X	600Vac	THN3365SS316
600A	NEMA Type 4/4X	600Vac	THN3366SS316

Viewing Window Option—Factory Installed Only

UL Listed Installation-Safety Switch Rating NEMA Type 4/4X, 5, 12 Standard Lead Time-3 Weeks

Factory Installed Product Number	Suffix for Water and Dust Tight NEMA Type 4/4X	Suffix for Drip and Dust Tight NEMA Type 5, 12
TH2221	SSW	JW
TH2222	SSW	JW
TH3221	SSW	JW
TH3222	-	JW
TH3223	SSW	JW
TH3224	SSW	JW
TH3321	-	JW
TH3322	SSW	JW
TH3361	SSW	JW
TH3362	SSW	JW
TH3363	SSW	JW
TH3364	SSW ⁵	JW ⁵
TH4321	SSW	JW
TH4322	SSW	JW
TH4323	SSW	JW
TH4324	SSW	JW
THN3361	SSW	JW
THN3362	SSW	JW
THN3363	SSW	JW
THN3364	SSW	JW

¹2-pole device

²Not CSA Certified

³Use four poles of six-pole switch. Reference page 4-20 for additional information.

⁴Available with "-BA" suffix for ARRA compliance. Same list price and GO schedule. Contact GE Sales Office for other ARRA compliant safety switches.

⁵Rated to maximum 100,000 amperes interrupting capacity.



Safety Switches Enclosure Dimensions

Spec-Setter™ Safety Switches

TG, TH and TS, NEMA Type 1 and 3R Enclosures

Section 4

NEMA Type 1 TG Approximate Dimensions in Inches Figure 1

Product Number	Dimension W	Dimension H	Dimension D	Dimension W2	KO Figure Number ¹
TG3221	6 1/2	10 5/8	3 5/16	7	1
TG3222	8 1/2	13 7/8	4	9	15
TG3223	9 1/2	21 3/8	5	10	3
TG3224	13 3/4	29 1/4	5 1/2	14	4
TG3225	22	49 1/2	9	23	5
TG3226	23 1/4	50	9 1/4	23 3/4	6
TG3325	22	49 1/2	9	23	7
TG3326	23 1/4	50	9 1/4	23 3/4	6
TG4321	6 1/2	10 5/8	3 5/16	7	1
TG4322	8 1/2	13 7/8	4	9	15
TG4323	9 1/2	21 3/8	5	10	3
TG4324	13 3/4	29 1/4	5 1/2	14	4
TG4325	22	49 1/2	9	23	7
TG4326	23 1/4	50	9 1/4	23 3/4	6
TGN3321	6 1/2	10 5/8	3 5/16	7	1
TGN3322	8 1/2	13 7/8	4	9	15
TGN3323	9 1/2	21 3/8	5	10	3
TGN3324	13 3/4	29 1/4	5 1/2	14	4
TGN3325	22	49 1/2	9	23	7
TGN3326	23 1/4	50	9 1/4	23 3/4	6

¹See page 4-32.

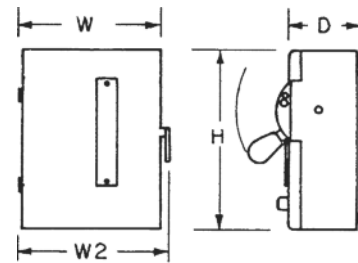


Figure 1

NEMA Type 1 TH Approximate Dimensions in Inches Figure 2

Product Number	Dimension W	Dimension H	Dimension D	Dimension W2	KO Figure Number ¹
TH3221	6 1/2	10 3/8	3 3/8	7 1/8	1
TH3222	9 1/2	17 5/8	5	10 1/8	3
TH3223	9 3/8	19 3/8	5 1/16	10 1/4	3
TH3224	13 1/2	25 3/8	5 1/16	14 1/4	4
TH3225	23 1/5	50 7/8	8 3/8	15 1/4	6
TH3226	24 5/8	59 9/16	8 3/8	25 3/4	6
TH3325	23 1/4	50 7/8	8 3/8	24 1/4	6
TH3326	23 1/4	50 7/8	8 3/8	24 1/4	6
TH4321	6 1/2	10 3/8	3 3/8	7 1/8	1
TH4322	9 1/2	17 5/8	5	10 1/8	3
TH4323	9 1/2	21 3/8	5	10 1/8	3
TH4324	13 5/8	31 5/8	5 1/4	14 1/2	4
TH4325	23 1/4	50 7/8	8 3/8	24 1/4	6
TH4326	23 1/4	50 7/8	8 3/8	24 1/4	6
TH2261DC	8 5/8	12 5/8	4	9 1/2	15
TH2262DC	9 1/2	21 3/8	5	10 1/8	3
TH2263DC	9 1/2	22 3/4	5	10 1/8	14
TH3361	8 5/8	12 5/8	4	9 1/2	15
TH3362	9 1/2	21 3/8	5	10 1/8	3
TH3363	9 1/2	22 3/4	5	10 1/8	14
TH3364	13 5/8	31 5/8	5 1/4	14 1/2	4
TH3365	23 1/4	54	8 3/8	24 1/2	6
TH3366	23 1/4	54	8 3/8	24 1/2	6
THN2261DC	8 1/2	10 9/16	4	9 1/4	15
THN2262DC	9 1/2	17 5/8	5	10 1/8	3
THN2263DC	9 1/2	17 5/8	5	10 1/8	3
THN3321	6 1/2	10 3/8	3 3/8	7 1/8	1
THN3361	8 1/2	10 9/16	4	9 1/4	15
THN3362	9 1/2	17 5/8	5	10 1/8	3
THN3363	9 1/2	17 5/8	5	10 1/8	3
THN3364	13 5/8	31 5/8	5 1/4	14 1/2	4
THN3365	23 1/4	42 1/2	8 3/8	24 1/2	6
THN3366	23 1/4	42 1/2	8 3/8	24 1/2	6

¹See page 4-32.

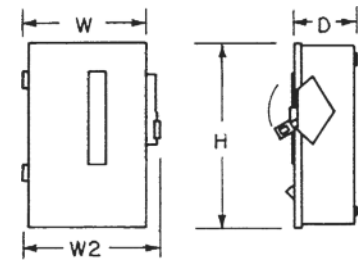


Figure 2

