



Spec-Setter™ Safety Switches, Heavy Duty Type TH

30-1200 Amperes
240 Volts ac, 250 Volts dc Max.

Type TH Interrupting and Withstandability Ratings

| Switch Rating (Amps) | Interrupting Rating rms Amps, 600 Volt ac 3-ph | Fuse Clearing I ² t (Amps ² x Seconds x 10 ³) |
|----------------------|--|---|
| 30 | 360 | 50 |
| 60 | 1200 | 200 |
| 100 | 1200 | 500 |
| 200 | 3,400 | 2,000 |
| 400 | 10,000 | 6,000 |
| 600 | 10,000 | 12,000 |

Cartridge Fuse, Type TH Switches

Designed for applications where safety, high performance and continuity of service are essential.

- UL Listed, (Enclosed Switches No. 98).
- CSA Certified.
- Meet Federal Specification WS-865C for heavy duty switches.
- Meet major automotive manufacturer's and JIC electrical specifications.

- Meet NEMA Enclosed Safety Switch Standard KS1-1990 for Type HD.
- Full cover interlocks.
- 60°C and 75°C conductor ratings.
- Quick-make, quick-break mechanisms.
- Suitable for use as service entrance equipment when installed in accordance with the National Electrical Code.

UL Listed ratings for fusible switches when used with these fuses:

- Class H (10,000 rms amps, sym IC)
Standard on 30-600 amps.
- Class L (100,000 rms amps, sym IC)
Standard on 800-1200 amps.
- Class J (200,000 rms amps, sym IC)
See page 2-13 for field conversion details.
- Class R (200,000 rms amps, sym IC)
order appropriate Class R fusing kit from page 2-13.

240 Volts—Fusible

| Schematic Diagram | Max. Ampere Rating | Indoor, Type 1 Ⓢ | | Outdoor, Type 3R Ⓢ | | Water- and Dust-tight Types 4/4X Stainless Steel | | Drip- and Dust-tight Type 5, 12 and JIC Without Knockouts | | Horsepower Ratings | | | | | |
|-------------------|--------------------|------------------|--------------------|--------------------|--------------------|--|--------------------|---|--------------------|--------------------|------|------|------|-----------|-----------|
| | | Catalog Number | List Price, GO-131 | Catalog Number | List Price, GO-131 | Catalog Number | List Price, GO-131 | Catalog Number | List Price, GO-131 | 240 Volts ac | | | | dc | |
| | | | | | | | | | | 1-ph | 3-ph | 1-ph | 3-ph | 125 Volts | 250 Volts |

Two-pole, 240 Volts ac—250 Volts dc

| | | | | | | | | | | | | | | | |
|--|--------|---------|-----------|------------|-----------|----------|------------|---------|-----------|----|----|----|-----|---|----|
| | 30 | TH3221 | \$ 153.00 | TH3221R | \$ 291.00 | TH2221SS | \$ 1218.00 | TH2221J | \$ 295.00 | 1½ | 3 | 3 | 7½ | — | 5 |
| | 60 | TH3222 | 300.00 | TH3222R | 542.00 | TH2222SS | 1463.00 | TH2222J | 398.00 | 3 | 7½ | 10 | 15 | 5 | 10 |
| | 100 | TH3223 | 467.00 | TH3223R | 702.00 | TH3223SS | 3309.00 | TH3223J | 678.00 | 7½ | 15 | 15 | 30 | — | 20 |
| | 200 | TH3224 | 830.00 | TH3224R | 1006.00 | TH3224SS | 4538.00 | TH3224J | 1058.00 | 15 | 25 | — | 60 | — | 40 |
| | 400 | TH3225 | 1948.00 | TH3225R | 2450.00 | TH3225SS | 9114.00 | TH3225J | 2623.00 | — | 50 | — | 125 | — | 50 |
| | 600 | TH3226 | 3670.00 | TH3226R | 4590.00 | TH3226SS | 13008.00 | TH3226J | 4261.00 | — | 75 | — | 200 | — | 50 |
| | 800 Ⓢ | TC72267 | 6996.00 | TC72267R Ⓢ | 8975.00 | — | — | — | — | — | — | — | — | — | — |
| | 1200 Ⓢ | TC72268 | 9614.00 | TC72268R Ⓢ | 13127.00 | — | — | — | — | — | — | — | — | — | — |

Three-wire SN, 120/240 and 240 Volts ac

| | | | | | | | | | | | | | | | |
|--|--------|-------------|-----------|-------------|------------|----------|----------|---------|---------|----|----|----|-----|---|----|
| | 30 | TH3221 | 153.00 | TH3221R | 291.00 | TH3221SS | 1260.00 | TH3221J | 345.00 | 1½ | 3 | 3 | 7½ | — | 5 |
| | 60 | TH3222 | 300.00 | TH3222R | 542.00 | TH3222SS | 1526.00 | TH3222J | 462.00 | 3 | 7½ | 10 | 15 | 5 | 10 |
| | 100 | TH3223 | 467.00 | TH3223R | 702.00 | TH3223SS | 3309.00 | TH3223J | 678.00 | 7½ | 15 | 15 | 30 | — | 20 |
| | 200 | TH3224 | 830.00 | TH3224R | 1006.00 | TH3224SS | 4538.00 | TH3224J | 1058.00 | 15 | 25 | — | 60 | — | 40 |
| | 400 | TH3225 | 1948.00 | TH3225R | 2450.00 | TH3225SS | 9114.00 | TH3225J | 2623.00 | — | 50 | — | 125 | — | 50 |
| | 600 | TH3226 | 3670.00 | TH3226R | 4590.00 | TH3226SS | 13008.00 | TH3226J | 4261.00 | — | 75 | — | 200 | — | 50 |
| | 800 Ⓢ | TC72267 | 6996.00 | TC72267R Ⓢ | 8975.00 | — | — | — | — | — | — | — | — | — | — |
| | | plus TN167 | 490.00 Ⓢ | plus TN167 | 490.00 Ⓢ | — | — | — | — | — | — | — | — | — | — |
| | 1200 Ⓢ | TC72268 | 9614.00 Ⓢ | TC72268R Ⓢ | 13127.00 Ⓢ | — | — | — | — | — | — | — | — | — | — |
| | | plus TN168A | 675.00 Ⓢ | plus TN168A | 675.00 Ⓢ | — | — | — | — | — | — | — | — | — | — |

Three-pole, 240 Volts ac

| | | | | | | | | | | | | | | | |
|--|--------|---------|----------|------------|----------|----------|----------|---------|---------|----|----|----|-----|---|----|
| | 30 | TH4321 | 203.00 | TH4321R | 364.00 | TH4321SS | 1294.00 | TH4321J | 391.00 | 1½ | 3 | 3 | 7½ | — | 5 |
| | 60 | TH4322 | 344.00 | TH4322R | 573.00 | TH4322SS | 1597.00 | TH4322J | 551.00 | 3 | 7½ | 10 | 15 | 5 | 10 |
| | 100 | TH4323 | 542.00 | TH4323R | 821.00 | TH4323SS | 3380.00 | TH4323J | 881.00 | 7½ | 15 | 15 | 30 | — | 20 |
| | 200 | TH4324 | 932.00 | TH4324R | 1130.00 | TH4324SS | 4733.00 | TH4324J | 1262.00 | 15 | 25 | — | 60 | — | 40 |
| | 400 | TH4325 | 2157.00 | TH4325R | 2501.00 | TH4325SS | 9542.00 | TH4325J | 2896.00 | — | 50 | — | 125 | — | 50 |
| | 600 | TH4326 | 3889.00 | TH4326R | 5235.00 | TH4326SS | 13570.00 | TH4326J | 4657.00 | — | 75 | — | 200 | — | 50 |
| | 800 Ⓢ | TC72367 | 9661.00 | TC72367R Ⓢ | 11966.00 | — | — | — | — | — | — | — | — | — | — |
| | 1200 Ⓢ | TC72368 | 12688.00 | TC72368R Ⓢ | 15546.00 | — | — | — | — | — | — | — | — | — | — |

Four-wire SN, 208/120 and 240 Volts ac

| | | | | | | | | | | | | | | | |
|--|--------|-------------|----------|-------------|----------|----------|----------|---------|---------|----|----|----|-----|---|----|
| | 30 | TH4321 | 203.00 | TH4321R | 364.00 | TH4321SS | 1355.00 | TH4321J | 445.00 | 1½ | 3 | 3 | 7½ | — | 5 |
| | 60 | TH4322 | 344.00 | TH4322R | 573.00 | TH4322SS | 1654.00 | TH4322J | 599.00 | 3 | 7½ | 10 | 15 | 5 | 10 |
| | 100 | TH4323 | 542.00 | TH4323R | 821.00 | TH4323SS | 3380.00 | TH4323J | 881.00 | 7½ | 15 | 15 | 30 | — | 20 |
| | 200 | TH4324 | 932.00 | TH4324R | 1130.00 | TH4324SS | 4733.00 | TH4324J | 1262.00 | 15 | 25 | — | 60 | — | 40 |
| | 400 | TH4325 | 2391.00 | TH4325R | 2501.00 | TH4325SS | 9542.00 | TH4325J | 2896.00 | — | 50 | — | 125 | — | 50 |
| | 600 | TH4326 | 4116.00 | TH4326R | 5235.00 | TH4326SS | 13570.00 | TH4326J | 4657.00 | — | 75 | — | 200 | — | 50 |
| | 800 Ⓢ | TC72367 | 9661.00 | TC72367R Ⓢ | 11966.00 | — | — | — | — | — | — | — | — | — | — |
| | | plus TN167 | 490.00 | plus TN167 | 490.00 | — | — | — | — | — | — | — | — | — | — |
| | 1200 Ⓢ | TC72368 | 12688.00 | TC72368R Ⓢ | 15546.00 | — | — | — | — | — | — | — | — | — | — |
| | | plus TN168A | 675.00 | plus TN168A | 675.00 | — | — | — | — | — | — | — | — | — | — |

240 Volts—No Fuse or Four-pole, 240 Volts ac Use 600-volt switches on page 2-5.

① 200-600 amp devices available factory reversed for bottom feed. Add "B" suffix to Catalog Number (e.g., TH3224B). **List Price adder \$44.00, GO-131.** UL Listed.

② 20-200 amp devices have removable closing cap. Larger ampere devices require field cut openings. Order hubs separately, see page 2-13.

③ Type TH electrical performance does not apply to Type TC switches. Class "L" fuses are ac only.

④ Not CSA Certified.

⑤ Order switch and neutral separately.

References:

Accessories and Lug Sizes... Pages 2-10 thru 2-13
Descriptive Bulletin... GEA-12144
Dimensions and Knockouts... Pages 2-14 thru 2-18
Replacement Parts Bulletin... GEF-4452