

# Wire - Type MTW

## Applications

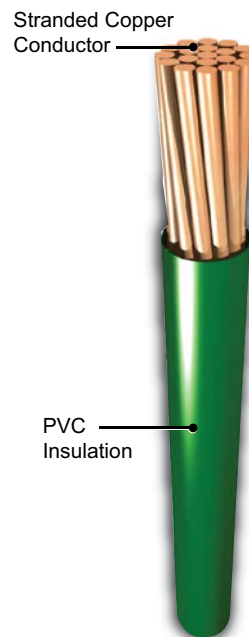
Type MTW conductors are primarily used in control cabinets, in machine tool applications, and in appliance wiring applications. For use in accordance with the National Electrical Code (NEC) and NFPA Standard 79. Voltage rating for all applications is 600 volts.

MTW wire is sold in a variety of colors and gauges on 500', 1000' and 2500 foot spools.

## Features

- Gauges from 22AWG to 10AWG
- Bare copper conductor
- Color-coded Polyvinyl Chloride (PVC) outer jacket
- Striped version available for some colors and gauges
- Multiple ratings and approvals
- 500ft, 1000ft and 2500ft spools or reels available for most gauges & colors
- Made in the USA

## Type MTW Wire



| Type MTW Wire Specifications |                   |                            |                               |                          |      |                       |               |               |   |                               |  |  |
|------------------------------|-------------------|----------------------------|-------------------------------|--------------------------|------|-----------------------|---------------|---------------|---|-------------------------------|--|--|
| Size (AWG or kcmil)          | Number of Strands | mm <sup>2</sup> Equivalent | Insulation Thickness (inches) | Overall Outside Diameter |      | Allowable Ampacities* |               |               | Agency Approvals  | Temperature Rating per UL1015 | Approximate Weight (lbs) 500ft/1000ft/2500ft | Standard Packaging (Spool/Reel)  |
|                              |                   |                            |                               | (inches)                 | (mm) | 60°C (140 °F)         | 75°C (167 °F) | 90°C (194 °F) |   |                               |  |  |
| 22                           | 7                 | 0.34                       | 0.030                         | 0.092                    | 2.34 | 3                     | 3             | 3             | UL1230 UL1335 UL1032 UL1015 UL1013  | 105°C (221°F)                 | 3.9  | 500ft or 1000ft  |
| 20                           | 10                | 0.50                       | 0.030                         | 0.099                    | 2.51 | 5                     | 5             | 5             | UL1011 UL1015 UL1230 UL1335 UL1032 CSA TEW or AWM I A/B 2011/65/EU (RoHS 2) UL File No. E51583                |                               | 4.0  |  |
| 18                           | 16                | 0.75                       | 0.030                         | 0.110                    | 2.79 | 7                     | 7             | 14            | UL1015 UL758 UL1063 CSA TEW or AWM I A/B ARRA 2009; Section 1605 "Buy American" Compliant UL File No. E156879 |                               | 4.6 / 26.8                                   | 500ft, 1000ft or 2500ft. Some colors not offered in 1000ft and 2500ft reels. |
| 16**                         | 26                | 1.5                        | 0.030                         | 0.123                    | 3.12 | 10                    | 10            | 18            |   |                               | 6.5 / 34.4                                   |  |
| 14**                         | 19                | 2.5                        | 0.030                         | 0.132                    | 3.35 | 20                    | 20            | 25            |   |                               | 9 / 46.8                                     |  |
| 12**                         | 19                | 4                          | 0.030                         | 0.151                    | 3.84 | 25                    | 25            | 30            |   |                               | 13.2 / 71                                    |  |
| 10**                         | 19                | 6                          | 0.030                         | 0.205                    | 5.21 | 30                    | 35            | 40            | 20.9  | 500ft                         |  |  |

*\*Note: Allowable ampacity shown above is per the NFPA79 Electrical Standard for Industrial Machinery 2018 Table 12.5.1 Conductor Ampacity Based on Copper Conductors with 60 °C [140 °F], 75 °C [167 °F], and 90 °C [194 °F] Insulation in an Ambient Temperature of 30 C [86F]. The above data is approximate and subject to normal manufacturing tolerance.*

*Product Color Disclaimer: The product photos shown are representative of our wire colors. The actual wire colors may vary from the images shown. Although our suppliers maintain a high-quality standard, there can be color variation from production. As a result, we cannot guarantee color spools will match up perfectly.*

*\*\*Note: Unless specifically permitted elsewhere in NFPA 70 overcurrent protection should not exceed 10 amps 16AWG, 15 amps for 14AWG, 20 amps for 12AWG, and 30 amps for 10AWG.*

*To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at [www.automationdirect.com](http://www.automationdirect.com)*

*Please Note: Our prices on wire are closely tied to the market price for copper. This allows us to offer the best savings possible if conditions are favorable; however, it also means that our prices may increase if market conditions warrant.*

# Wire - Type MTW

| Type MTW Wire            |                                 |       |   |                   |                       |         |
|--------------------------|---------------------------------|-------|---|-------------------|-----------------------|---------|
| Part Number              | Insulation Color                | Gauge | Description                                       | Spool/Reel Length | Approx. Weight        | Price   |
| <a href="#">MTW22BK</a>  | Black                           | 22AWG | Type MTW wire, bare copper, 7 strands, 600 Volts  | 500ft             | [3.9 lb]<br>[1.76 kg] | \$25.50 |
| <a href="#">MTW22WH</a>  | White                           |       |   |                   |                       | \$25.50 |
| <a href="#">MTW22RD</a>  | Red                             |       |   |                   |                       | \$25.50 |
| <a href="#">MTW22BL</a>  | Blue                            |       |   |                   |                       | \$25.50 |
| <a href="#">MTW22GN</a>  | Green                           |       |   |                   |                       | \$25.50 |
| <a href="#">MTW22YL</a>  | Yellow                          |       |   |                   |                       | \$25.50 |
| <a href="#">MTW22OR</a>  | Orange                          |       |   |                   |                       | \$25.50 |
| <a href="#">MTW22BN</a>  | Brown                           |       |   |                   |                       | \$25.50 |
| <a href="#">MTW22PL</a>  | Purple                          |       |   |                   |                       | \$25.50 |
| <a href="#">MTW22GY</a>  | Gray                            |       |   |                   |                       | \$25.50 |
| <a href="#">MTW22BW</a>  | Blue with White spiral stripe   |       |   |                   |                       | \$25.50 |
| <a href="#">MTW22WB</a>  | White with Blue spiral stripe   |       |   |                   |                       | \$25.50 |
| <a href="#">MTW22WO</a>  | White with Orange spiral stripe |       |   |                   |                       | \$27.00 |
| <a href="#">MTW22GYL</a> | Green with Yellow spiral stripe |       |   |                   |                       | \$27.00 |
| <a href="#">MTW20BK</a>  | Black                           | 20AWG | Type MTW wire, bare copper, 10 strands, 600 Volts | 500ft             | [4.0 lb]<br>[1.81 kg] | \$32.00 |
| <a href="#">MTW20WH</a>  | White                           |       |   |                   |                       | \$32.00 |
| <a href="#">MTW20RD</a>  | Red                             |       |   |                   |                       | \$32.00 |
| <a href="#">MTW20BL</a>  | Blue                            |       |   |                   |                       | \$32.00 |
| <a href="#">MTW20GN</a>  | Green                           |       |   |                   |                       | \$32.00 |
| <a href="#">MTW20YL</a>  | Yellow                          |       |   |                   |                       | \$32.00 |
| <a href="#">MTW20OR</a>  | Orange                          |       |   |                   |                       | \$32.00 |
| <a href="#">MTW20BN</a>  | Brown                           |       |   |                   |                       | \$32.00 |
| <a href="#">MTW20PL</a>  | Purple                          |       |   |                   |                       | \$32.00 |
| <a href="#">MTW20GY</a>  | Gray                            |       |   |                   |                       | \$32.00 |
| <a href="#">MTW20BW</a>  | Blue with White spiral stripe   |       |   |                   |                       | \$45.00 |
| <a href="#">MTW20WB</a>  | White with Blue spiral stripe   |       |   |                   |                       | \$45.00 |
| <a href="#">MTW20WO</a>  | White with Orange spiral stripe |       |   |                   |                       | \$45.00 |
| <a href="#">MTW20GYL</a> | Green with Yellow spiral stripe |       |   |                   |                       | \$45.00 |
| <a href="#">MTW18BK</a>  | Black                           | 18AWG | Type MTW wire, bare copper, 16 strands, 600 Volts | 500ft             | [4.6 lb]<br>[2.08 kg] | \$73.00 |
| <a href="#">MTW18WH</a>  | White                           |       |   |                   |                       | \$73.00 |
| <a href="#">MTW18RD</a>  | Red                             |       |   |                   |                       | \$73.00 |
| <a href="#">MTW18BL</a>  | Blue                            |       |   |                   |                       | \$73.00 |
| <a href="#">MTW18GN</a>  | Green                           |       |   |                   |                       | \$73.00 |
| <a href="#">MTW18YL</a>  | Yellow                          |       |   |                   |                       | \$73.00 |
| <a href="#">MTW18OR</a>  | Orange                          |       |   |                   |                       | \$73.00 |
| <a href="#">MTW18BN</a>  | Brown                           |       |   |                   |                       | \$73.00 |
| <a href="#">MTW18PL</a>  | Purple                          |       |   |                   |                       | \$73.00 |
| <a href="#">MTW18GY</a>  | Gray                            |       |   |                   |                       | \$73.00 |
| <a href="#">MTW18BW</a>  | Blue with White spiral stripe   |       |   |                   |                       | \$78.00 |
| <a href="#">MTW18WB</a>  | White with Blue spiral stripe   |       |   |                   |                       | \$78.00 |
| <a href="#">MTW18WO</a>  | White with Orange spiral stripe |       |   |                   |                       | \$78.00 |
| <a href="#">MTW18GYL</a> | Green with Yellow spiral stripe |       |   |                   |                       | \$78.00 |
| <a href="#">MTW16BK</a>  | Black                           | 16AWG | Type MTW wire, bare copper, 26 strands, 600 Volts | 500ft             | [6.5 lb]<br>[2.94 kg] | \$77.00 |
| <a href="#">MTW16WH</a>  | White                           |       |   |                   |                       | \$77.00 |
| <a href="#">MTW16RD</a>  | Red                             |       |   |                   |                       | \$77.00 |
| <a href="#">MTW16BL</a>  | Blue                            |       |   |                   |                       | \$77.00 |
| <a href="#">MTW16GN</a>  | Green                           |       |   |                   |                       | \$77.00 |
| <a href="#">MTW16YL</a>  | Yellow                          |       |   |                   |                       | \$77.00 |
| <a href="#">MTW16OR</a>  | Orange                          |       |   |                   |                       | \$77.00 |
| <a href="#">MTW16BN</a>  | Brown                           |       |   |                   |                       | \$77.00 |
| <a href="#">MTW16PL</a>  | Purple                          |       |   |                   |                       | \$77.00 |
| <a href="#">MTW16GY</a>  | Gray                            |       |   |                   |                       | \$77.00 |
| <a href="#">MTW16BW</a>  | Blue with White spiral stripe   |       |   |                   |                       | \$79.00 |
| <a href="#">MTW16WB</a>  | White with Blue spiral stripe   |       |   |                   |                       | \$55.00 |
| <a href="#">MTW16GYL</a> | Green with Yellow spiral stripe |       |   |                   |                       | \$79.00 |

# Wire - Type MTW

| Type MTW Wire              |                                 |          |   |                   |                        |          |
|----------------------------|---------------------------------|----------|---|-------------------|------------------------|----------|
| Part Number                | Insulation Color                | Gauge    | Description                                       | Spool/Reel Length | Approx. Weight         | Price    |
| <a href="#">MTW14BK</a>    | Black                           | 14 AWG   | Type MTW wire, bare copper, 19 strands, 600 Volts | 500ft             | [9.0 lb]<br>[4.08 kg]  | \$146.00 |
| <a href="#">MTW14WH</a>    | White                           |          |   |                   |                        | \$146.00 |
| <a href="#">MTW14RD</a>    | Red                             |          |   |                   |                        | \$146.00 |
| <a href="#">MTW14BL</a>    | Blue                            |          |   |                   |                        | \$146.00 |
| <a href="#">MTW14GN</a>    | Green                           |          |   |                   |                        | \$146.00 |
| <a href="#">MTW14YL</a>    | Yellow                          |          |   |                   |                        | \$146.00 |
| <a href="#">MTW14OR</a>    | Orange                          |          |   |                   |                        | \$146.00 |
| <a href="#">MTW14BN</a>    | Brown                           |          |   |                   |                        | \$146.00 |
| <a href="#">MTW14PL</a>    | Purple                          |          |   |                   |                        | \$146.00 |
| <a href="#">MTW14GY</a>    | Gray                            |          |   |                   |                        | \$146.00 |
| <a href="#">MTW14BW</a>    | Blue with White spiral stripe   |          |   |                   |                        | \$146.00 |
| <a href="#">MTW14WB</a>    | White with Blue spiral stripe   |          |   |                   |                        | \$146.00 |
| <a href="#">MTW14GYL</a>   | Green with Yellow spiral stripe |          |   |                   |                        | \$156.00 |
| <a href="#">MTW12BK</a>    | Black                           |          |   |                   |                        | 12AWG    |
| <a href="#">MTW12WH</a>    | White                           | \$200.00 |   |                   |                        |          |
| <a href="#">MTW12RD</a>    | Red                             | \$200.00 |   |                   |                        |          |
| <a href="#">MTW12BL</a>    | Blue                            | \$200.00 |   |                   |                        |          |
| <a href="#">MTW12GN</a>    | Green                           | \$200.00 |   |                   |                        |          |
| <a href="#">MTW12YL</a>    | Yellow                          | \$200.00 |   |                   |                        |          |
| <a href="#">MTW12OR</a>    | Orange                          | \$200.00 |   |                   |                        |          |
| <a href="#">MTW12BN</a>    | Brown                           | \$200.00 |   |                   |                        |          |
| <a href="#">MTW12GY</a>    | Gray                            | \$200.00 |   |                   |                        |          |
| <a href="#">MTW10BK</a>    | Black                           | 10AWG    | Type MTW wire, bare copper, 19 strands, 600 Volts | 500ft             | [20.9 lb]<br>[9.48 kg] |          |
| <a href="#">MTW10WH</a>    | White                           |          |   |                   |                        | \$303.00 |
| <a href="#">MTW10GN</a>    | Green                           |          |   |                   |                        | \$303.00 |
| <a href="#">MTW10YL</a>    | Yellow                          |          |   |                   |                        | \$303.00 |
| <a href="#">MTW10OR</a>    | Orange                          |          |   |                   |                        | \$303.00 |
| <a href="#">MTW10BN</a>    | Brown                           |          |   |                   |                        | \$303.00 |
| <a href="#">MTW22BK10</a>  | Black                           | 22AWG    | Type MTW wire, bare copper, 7 strands, 600 Volts  | 1000ft            | [6.8 lb]<br>[3.08kg]   | \$46.00  |
| <a href="#">MTW22BL10</a>  | Blue                            |          |   |                   |                        | \$46.00  |
| <a href="#">MTW22BN10</a>  | Brown                           |          |   |                   |                        | \$46.00  |
| <a href="#">MTW22BW10</a>  | Blue with White spiral stripe   |          |   |                   |                        | \$46.00  |
| <a href="#">MTW22GN10</a>  | Green                           |          |   |                   |                        | \$46.00  |
| <a href="#">MTW22GYL10</a> | Green with Yellow spiral stripe |          |   |                   |                        | \$49.00  |
| <a href="#">MTW22OR10</a>  | Orange                          |          |   |                   |                        | \$46.00  |
| <a href="#">MTW22RD10</a>  | Red                             |          |   |                   |                        | \$46.00  |
| <a href="#">MTW22WB10</a>  | White with Blue spiral stripe   |          |   |                   |                        | \$46.00  |
| <a href="#">MTW22WH10</a>  | White                           |          |   |                   |                        | \$46.00  |
| <a href="#">MTW22YL10</a>  | Yellow                          |          |   |                   |                        | \$46.00  |

# Wire - Type MTW

| Type MTW Wire              |                                 |         |   |                   |                       |          |
|----------------------------|---------------------------------|---------|---|-------------------|-----------------------|----------|
| Part Number                | Insulation Color                | Gauge   | Description                                       | Spool/Reel Length | Approx. Weight        | Price    |
| <a href="#">MTW20BK10</a>  | Black                           | 20AWG   | Type MTW wire, bare copper, 10 strands, 600 Volts | 1000ft            | [8.3lb]<br>[3.76kg]   | \$55.00  |
| <a href="#">MTW20BL10</a>  | Blue                            |         |   |                   |                       | \$55.00  |
| <a href="#">MTW20BN10</a>  | Brown                           |         |   |                   |                       | \$55.00  |
| <a href="#">MTW20BW10</a>  | Blue with White spiral stripe   |         |   |                   |                       | \$59.00  |
| <a href="#">MTW20GN10</a>  | Green                           |         |   |                   |                       | \$55.00  |
| <a href="#">MTW20GYL10</a> | Green with Yellow spiral stripe |         |   |                   |                       | \$59.00  |
| <a href="#">MTW20OR10</a>  | Orange                          |         |   |                   |                       | \$55.00  |
| <a href="#">MTW20RD10</a>  | Red                             |         |   |                   |                       | \$55.00  |
| <a href="#">MTW20WB10</a>  | White with Blue spiral stripe   |         |   |                   |                       | \$59.00  |
| <a href="#">MTW20WH10</a>  | White                           |         |   |                   |                       | \$55.00  |
| <a href="#">MTW20YL10</a>  | Yellow                          |         |   |                   |                       | \$55.00  |
| <a href="#">MTW18BK10</a>  | Black                           |         |   |                   |                       | 18AWG    |
| <a href="#">MTW18BL10</a>  | Blue                            | \$88.00 |   |                   |                       |          |
| <a href="#">MTW18BN10</a>  | Brown                           | \$88.00 |   |                   |                       |          |
| <a href="#">MTW18BW10</a>  | Blue with White spiral stripe   | \$92.00 |   |                   |                       |          |
| <a href="#">MTW18GN10</a>  | Green                           | \$88.00 |   |                   |                       |          |
| <a href="#">MTW18GYL10</a> | Green with Yellow spiral stripe | \$93.00 |   |                   |                       |          |
| <a href="#">MTW18GY10</a>  | Gray                            | \$88.00 |   |                   |                       |          |
| <a href="#">MTW18OR10</a>  | Orange                          | \$88.00 |   |                   |                       |          |
| <a href="#">MTW18PL10</a>  | Purple                          | \$88.00 |   |                   |                       |          |
| <a href="#">MTW18RD10</a>  | Red                             | \$88.00 |   |                   |                       |          |
| <a href="#">MTW18WB10</a>  | White with Blue spiral stripe   | \$93.00 |   |                   |                       |          |
| <a href="#">MTW18WH10</a>  | White                           | \$88.00 |   |                   |                       |          |
| <a href="#">MTW18YL10</a>  | Yellow                          | \$88.00 |   |                   |                       |          |
| <a href="#">MTW16BK10</a>  | Black                           | 16AWG   | Type MTW wire, bare copper, 26 strands, 600 Volts | 1000ft            | [14.6lb]<br>[6.62kg]  |          |
| <a href="#">MTW16BL10</a>  | Blue                            |         |   |                   |                       | \$116.00 |
| <a href="#">MTW16BW10</a>  | Blue with White spiral stripe   |         |   |                   |                       | \$139.00 |
| <a href="#">MTW16GN10</a>  | Green                           |         |   |                   |                       | \$116.00 |
| <a href="#">MTW16GYL10</a> | Green with Yellow spiral stripe |         |   |                   |                       | \$139.00 |
| <a href="#">MTW16RD10</a>  | Red                             |         |   |                   |                       | \$116.00 |
| <a href="#">MTW16WB10</a>  | White with Blue spiral stripe   |         |   |                   |                       | \$139.00 |
| <a href="#">MTW16WH10</a>  | White                           |         |   |                   |                       | \$116.00 |
| <a href="#">MTW16YL10</a>  | Yellow                          |         |   |                   |                       | \$116.00 |
| <a href="#">MTW14BK10</a>  | Black                           | 14AWG   | Type MTW wire, bare copper, 41 strands, 600 Volts | 1000ft            | [20.0lb]<br>[9.07kg]  | \$175.00 |
| <a href="#">MTW14BL10</a>  | Blue                            |         |   |                   |                       | \$175.00 |
| <a href="#">MTW14GN10</a>  | Green                           |         |   |                   |                       | \$175.00 |
| <a href="#">MTW14GYL10</a> | Green with Yellow spiral stripe |         |   |                   |                       | \$185.00 |
| <a href="#">MTW14RD10</a>  | Red                             |         |   |                   |                       | \$175.00 |
| <a href="#">MTW14WH10</a>  | White                           |         |   |                   |                       | \$165.00 |
| <a href="#">MTW18BK25</a>  | Black                           | 18AWG   | Type MTW wire, bare copper, 16 strands, 600 Volts | 2500ft            | [26.5lb]<br>[12.02kg] | \$364.00 |
| <a href="#">MTW18RD25</a>  | Red                             |         |   |                   |                       | \$364.00 |
| <a href="#">MTW18BL25</a>  | Blue                            |         |   |                   |                       | \$364.00 |
| <a href="#">MTW18BW25</a>  | Blue with White spiral stripe   |         |   |                   |                       | \$380.00 |

# Wire - Type MTW

| Type MTW Wire |                               |       |   |                   |                      |          |
|---------------|-------------------------------|-------|---|-------------------|----------------------|----------|
| Part Number   | Insulation Color              | Gauge | Description                                       | Spool/Reel Length | Approx. Weight       | Price    |
| MTW16BK25     | Black                         | 16AWG | Type MTW wire, bare copper, 26 strands, 600 Volts | 2500ft            | [36.5lb]<br>[16.5kg] | \$261.00 |
| MTW16WH25     | White                         |       |   |                   |                      | \$261.00 |
| MTW16RD25     | Red                           |       |   |                   |                      | \$261.00 |
| MTW16BL25     | Blue                          |       |   |                   |                      | \$261.00 |
| MTW16BW25     | Blue with White spiral stripe |       |   |                   |                      | \$264.00 |
| MTW14BK25     | Black                         | 14AWG | Type MTW wire, bare copper, 41 strands, 600 Volts |                   | [50lb]<br>[22.67kg]  | \$692.00 |
| MTW14BN25     | Brown                         |       |   |                   |                      | Retired  |
| MTW14BW25     | Blue with White spiral stripe |       |   |                   |                      | Retired  |

## Gauge Conversion Table

| American Wire Gauge Conversion Chart*   |      |         |     |
|---|------|---------|-----|
| This cross reference shows equivalent nominal values. Actual cross sections may vary. |      |         |     |
| AWG   | mm2  | AWG     | mm2 |
| 30  | 0.05 | 6       | 16  |
| 28  | 0.08 | 4       | 25  |
| 26  | 0.14 | 2       | 35  |
| 24  | 0.25 | 1       | 50  |
| 22  | 0.34 | 1/0     | 55  |
| 21  | 0.38 | 2/0     | 70  |
| 20  | 0.50 | 3/0     | 95  |
| 18  | 0.75 | 4/0     | 120 |
| 17  | 1.00 | 300MCM  | 150 |
| 16  | 1.50 | 350MCM  | 185 |
| 14  | 2.50 | 500MCM  | 240 |
| 12  | 4    | 600MCM  | 300 |
| 10  | 6    | 750MCM  | 400 |
| 8   | 10   | 1000MCM | 500 |

\*Note: Table shows commercially used equivalent values.

## Conductor Ampacity Table

| Allowable Ampacity |              |              |              |
|--------------------|--------------|--------------|--------------|
| AWG                | 60°C [140°F] | 75°C [167°F] | 90°C [194°F] |
| 30                 | —            | 0.5          | 0.5          |
| 28                 | —            | 0.8          | 0.8          |
| 26                 | —            | 1            | 1            |
| 24                 | 2            | 2            | 2            |
| 22                 | 3            | 3            | 3            |
| 20                 | 5            | 5            | 5            |
| 18                 | 7            | 7            | 14           |
| 16**               | 10           | 10           | 18           |
| 14**               | 20           | 20           | 25           |
| 12**               | 25           | 25           | 30           |
| 10**               | 30           | 35           | 40           |
| 8                  | 40           | 50           | 55           |
| 6                  | 55           | 65           | 75           |
| 4                  | 70           | 85           | 95           |
| 3                  | 85           | 100          | 110          |
| 2                  | 95           | 115          | 130          |
| 1                  | 110          | 130          | 150          |
| 1/0                | 125          | 150          | 170          |
| 2/0                | 145          | 175          | 195          |
| 3/0                | 165          | 200          | 225          |
| 4/0                | 195          | 230          | 260          |
| 250MCM             | 215          | 255          | 290          |
| 300MCM             | 240          | 285          | 320          |
| 350MCM             | 260          | 310          | 350          |
| 400MCM             | 280          | 335          | 380          |
| 500MCM             | 320          | 380          | 430          |
| 600MCM             | 355          | 420          | 475          |
| 700MCM             | 385          | 460          | 520          |
| 750MCM             | 400          | 475          | 535          |
| 800MCM             | 410          | 490          | 555          |
| 900MCM             | 435          | 520          | 585          |
| 1000MCM            | 455          | 545          | 615          |

\*Note: Allowable ampacity shown above is per NFPA79 Electrical Standard for Industrial Machinery 2018 Table 12.5.1 Conductor Ampacity Based on Copper Conductors with 60°C [140°F], 75°C [167°F], and 90°C [194°F] Insulation in an Ambient Temperature of 30°C [86°F]

\*\*Note: Unless specifically permitted elsewhere in NFPA 70 overcurrent protection should not exceed 10 amps 16AWG, 15 amps for 14AWG, 20 amps for 12AWG, and 30 amps for 10AWG.