

# Cable to Web of Rail T20 Complete Welder Pair, Power

## Data Solutions



### FEATURES

Complete web welder assembly designed for the installation of track circuits and jumper bonds to the neutral axis

Each part number Includes both right and left hand welders

Includes mold cleaner and flint ignitor

### SPECIFICATIONS

**Material:** Graphite; Steel; Thermoplastic

**Bond Terminal Style:** W

Table 1/1

| Catalog Number | Rail Type                       | Conductor Size                | Conductor Outer Diameter, Nominal | Welder Style |
|----------------|---------------------------------|-------------------------------|-----------------------------------|--------------|
| PBWT20Y301     | UIC                             | 50 mm <sup>2</sup> Concentric | 8.9mm                             | T20          |
| PBWT20X3       | UIC                             | 50 mm <sup>2</sup> Ropelay    | 9.13mm                            | T20          |
| PBWT202C       | 85 lb to 141 lb T-Rail Sections | 1/0 Concentric                | 9.47mm                            | T20          |

| Catalog Number | Rail Type                       | Conductor Size              | Conductor Outer Diameter, Nominal | Welder Style |
|----------------|---------------------------------|-----------------------------|-----------------------------------|--------------|
| PBWT202G       | 85 lb to 141 lb T-Rail Sections | 2/0 Concentric              | 10.62mm                           | T20          |
| PBWT202E       | 85 lb to 141 lb T-Rail Sections | 1/0 Ropelay                 | 10.87mm                           | T20          |
| PBWT20X401     | 85 lb to 141 lb T-Rail Sections | 70 mm <sup>2</sup> Ropelay  | 10.92mm                           | T20          |
| PBWT202J       | 85 lb to 141 lb T-Rail Sections | 2/0 Ropelay                 | 12.19mm                           | T20          |
| PBWT202Q       | 85 lb to 141 lb T-Rail Sections | 4/0 Concentric              | 13.41mm                           | T20          |
| PBWT20S6       | 85 lb to 141 lb T-Rail Sections | 14.5 mm Diameter            | 14.5mm                            | T20          |
| PBWT202S       | 85 lb to 141 lb T-Rail Sections | 4/0 Ropelay                 | 15.49mm                           | T20          |
| PBWT20X5       | UIC                             | 95 mm <sup>2</sup> Ropelay  | 15.52mm                           | T20          |
| PBXLWT20X5     | 85 lb to 141 lb T-Rail Sections | 95 mm <sup>2</sup> Ropelay  | 15.52mm                           | T20          |
| PBWT20X7       | UIC                             | 150 mm <sup>2</sup> Ropelay | 17.04mm                           | T20          |
| PBWT203D       | 85 lb to 141 lb T-Rail Sections | 350 kcmil Concentric        | 17.3mm                            | T20          |
| PBWT20X8       | 85 lb to 141 lb T-Rail Sections | 185 mm <sup>2</sup> Ropelay | 17.8mm                            | T20          |
| PBWT202W       | 85 lb to 141 lb T-Rail Sections | 250 kcmil Ropelay           | 19.05mm                           | T20          |
| PBWT202W135    | 135 lb Bethlehem                | 250 kcmil Ropelay           | 19.05mm                           | T20          |
| PBWT202W20AS   | 20 lb ASCE                      | 250 kcmil Ropelay           | 19.05mm                           | T20          |
| PBWT20W40AS    | 40 lb ASCE                      | 250 kcmil Ropelay           | 19.1mm                            | T20          |
| PBWT203B       | 85 lb to 141 lb T-Rail Sections | 300 kcmil Ropelay           | 20.32mm                           | T20          |
| PBWT203F       | 85 lb to 141 lb T-Rail Sections | 350 kcmil Ropelay           | 22.35mm                           | T20          |

| Catalog Number | Rail Type                       | Conductor Size              | Conductor Outer Diameter, Nominal | Welder Style |
|----------------|---------------------------------|-----------------------------|-----------------------------------|--------------|
| PBWT20X901     | 85 lb to 141 lb T-Rail Sections | 240 mm <sup>2</sup> Ropelay | 23.62mm                           | T20          |
| PBWT203S       | 85 lb to 141 lb T-Rail Sections | 500 kcmil Ropelay           | 26.42mm                           | T20          |

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

⚠ WARNING: This product can expose you to chemicals including diisononyl phthalate, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



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