

## ACSS/TW Conductor, 508.36mm<sup>2</sup>, Phoenix



### Specifications

|                                |                        |
|--------------------------------|------------------------|
| Conductor Name                 | Phoenix/ACSS/TW        |
| Aluminium Wires Sectional Area | 483.42 mm <sup>2</sup> |
| Steel Wires Sectional Area     | 24.94 mm <sup>2</sup>  |
| Conductor Sectional Area       | 508.36 mm <sup>2</sup> |
| Aluminium Wires No.            | 30                     |
| Steel Wires No.                | 3                      |
| Aluminium Wire Diameter        | 7 mm                   |
| Steel Wire Diameter            | 2.13 mm                |
| Conductor Diameter             | 26.52 mm               |
| Weight Aluminium               | 1341.70 kg/km          |
| Weight Steel                   | 194.83 kg/km           |
| Conductor Weight               | 1536.53 kg/km          |
| Rated Strength                 | 64.01 kN               |
| Rated Strength HS              | 68.25 kN               |
| Rated Strength EHS             | kN                     |
| Rated Strength UHS             | 76.86 kN               |
| DC Resistance@ 20°C            | 0.05770 Ω/km           |
| Current Capacity @85°C         | 743 A                  |
| Current Capacity @200°C        | 1586 A                 |
| Current Capacity @250°C        | 1807 A                 |

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