

## ACSR EN 50182 -TYPE A1/ST1A (Used in Germany) Conductor, 553.8mm<sup>2</sup>, 490-AL1/64-ST1A

### Specifications

|                           |                       |
|---------------------------|-----------------------|
| Conductor Name            | N/A                   |
| Conductor Code            | 490-AL1/64-ST1A       |
| Conductor Sectional Area  | 553.8 mm <sup>2</sup> |
| Alluminium Wires No.      | 54                    |
| Steel Wires No.           | 7                     |
| Alluminium Wire Diamenter | 3.40 mm               |
| Steel Wire Diameter       | 3.40 mm               |
| Conductor Diameter        | 30.60 mm              |
| Conductor Weight          | 1852.9 kg/km          |
| Rated Strength            | 150.81 kN             |
| DC Resistance@ 20°C       | 0.0590 Ω/km           |
| Current Capacity @75°C    | 593 A                 |
| Current Capacity @85°C    | 757 A                 |