

## ACSR EN 50182 -TYPE A1/ST1A (Used in Germany) Conductor, 490.6mm<sup>2</sup>, 434-AL1/56-ST1A



### Specifications

|                           |                       |
|---------------------------|-----------------------|
| Conductor Name            | N/A                   |
| Conductor Code            | 434-AL1/56-ST1A       |
| Conductor Sectional Area  | 490.6 mm <sup>2</sup> |
| Alluminium Wires No.      | 54                    |
| Steel Wires No.           | 7                     |
| Alluminium Wire Diamenter | 3.20 mm               |
| Steel Wire Diameter       | 3.20 mm               |
| Conductor Diameter        | 28.80 mm              |
| Conductor Weight          | 1641.3 kg/km          |
| Rated Strength            | 133.59 kN             |
| DC Resistance@ 20°C       | 0.0666 Ω/km           |
| Current Capacity @75°C    | 555 A                 |
| Current Capacity @85°C    | 705 A                 |

The above design is only a sample of the options available, for reference purposes only. Our policy of continuous improvement may result in a change of specifications without notice. If any discrepancies might be between the data sheet values and standards, we reserve the rights to make technical changes. Our company will not be held responsible, as all or any of pictures, drawings, weights and dimensions details or other elements in this document are only indicative and must not be considered contractual. Contact our sales team for other specifications or custom made products.