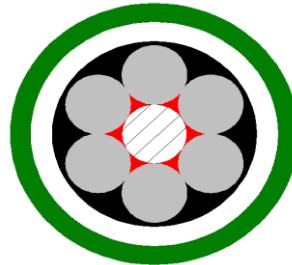


CCST 99 ACSR 20(24)kV W

EN 50397-1

Conductor, ACSR
 Extruded, longitudinal waterblocking layer
 Extruded, inner semiconductive layer
 Insulation of PE
 Outer layer of UV-resistant HDPE



Conductor and all layers simultaneously manufactured in one operation

Crosssection	99	[mm ²]
Lay up of conductor	(6+1)x3,37	[-]
Conductor diameter, bare conductor, nom	12,75	[mm]
Inner semi conductive layer, thickness, nom	0,3	[mm]
Inner PE insulation, thickness, nom	1,2	[mm]
Outer UV-resist. PE-insulation, thickness, nom	1,1	[mm]
Diameter over covering, nominal	18,1	[mm]
Weight, nom	489	[kg/km]
Rated operating voltage	20(24)	[kV]
DC-resistance at 20°C, maximum	0,337	[Ohm/km]
Resistance temp. coefficient	0,004	[°C]
Lightening impulse withstand strength of PE layer	100	[kV]
Maximum continuous operating temperature	70	[°C]
Max load (IEC61597), cond.temp 70 °C, air temp. 20°C, wind speed 0,5 m/s, Solar radiation 1000W/m ² , Approximate value	342	[A]
Max short circuit current, 1 sec	6,1	[kA]
Tensile strength of conductor, minimum	29,2	[kN]
Aluminium alloy	AL1/ST1A	[-]

All illustrations and specifications of weights, size and dimensions are indicative only

Minimum Bending Radius: 10xD

Minimum Temperature for installation: -15°C (-20°C with extra care)