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Technical sheet

APPALOOSA

Specification : QUADRUPLEX 4/0 APPALOOSA Standard : ASTM,B230M-99,
 Nominal Dia. : 4/0 AWG×3C+N(ACSR 4/0AWG) B231M-04, B398M-02

Dimension & Physical Properties: Date: 2011

| Phase Conductor AAC Wire: | | |
|---|---------------------|----------------------|
| Item | Unit | Spec. Value |
| Appearance | | Good |
| Diameter | mm | AL 19/2.68±0.03 |
| Elongation at 254 mm | % | Avg. 1.6 |
| | | Min. 1.5 |
| Tensile Strength | MPA | Avg. 180 |
| | | Min. 170 |
| Resistivity at 20°C | Ωmm ² /m | Avg. 0.028172 |
| | | Max. 0.028265 |
| Bending test | | 1D×8 turns Not crack |
| Conductor Diameter | mm | 13.40 |
| Lay direction | mm | S |
| Thickness of Insulation (XLPE) | mm | Avg. 1.52 |
| Overall Diameter (XLPE) | mm | 16.44(Approx.) |
| Neutral Conductor ACSR Wire | | |
| Appearance | | Good |
| Diameter | mm | AL6/4.77+ST1/4.77 |
| Elongation at 254 mm | % | Min.4.0 |
| Rated Tensile Strength | daN | 3706 |
| Resistance at 20°C | Ω/km | Max. 0.2675 |
| Conductor Diameter | mm | 14.31 |
| Lay direction | | Z |
| Finished products : 4/0 AWG×3C+N(ACSR 4/0AWG) | | |
| Overall Diameter | mm | 39.46(Approx.) |
| Lay direction | mm | Z |
| Nominal Weight | Kg/km | 1627 |