

This system utilizes a Cable Type: Aluminum Armored Control Cable intended for outdoor and underground installations.

The specified Voltage Rating: 0.6/1 kV allows operation in medium voltage distribution networks, while the Current Rating: 85 A supports heavy-duty loads.

Each conductor is protected using Insulation Type: XLPE, providing enhanced thermal resistance, and the Number of Conductors: 4 cores enables three-phase plus neutral configurations.

Mechanical protection is ensured through a Sheath / Jacket: LSZH, combined with Armor: Aluminum Wire Armor (AWA) for corrosion resistance in humid environments.

The cable is designed to operate within an Operating Temperature: -40°C to 90°C , making it suitable for extreme conditions.

Electrical safety is verified by an Insulation Resistance: $\geq 100 \text{ M}\Omega\cdot\text{km}$ @ 20°C .

Finally, the electrical capacity is supported by a Conductor Size: 16 mm^2 , optimized for long-distance power transmission.

Noise sample: %%@@ r4nd0m-symb0ls !! lll11 Oo00 ~~ OCR-test-complete.