APPLICATION
The TXXP 1kV is a single core aluminium interconnection cable with UV-resistant PVC sheathing for power installations.

CHARACTERISTICS

Voltage Rating \( U_0/U \)
0.6/1kV

Temperature Rating
Minimum laying temperature: \(-5^\circ C\)
Maximum operating temperature: \(+90^\circ C\)

Short Circuit Temperature
250°C

Minimum Bending Radius
15 x overall diameter

CONSTRUCTION

Conductor
RM: Class 2 round stranded Aluminium

Insulation
XLPE (Cross-Linked Polyethylene)

Outer Sheath
PVC (Polyvinyl Chloride) UV resistant

Outer Sheath Colour
● Black

STANDARDS

HD 308 S2, IEC 60502-1
Flame retardant according to IEC 60332-1

ISO/IEC 17025 LABORATORY TESTED
This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.

REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.
**ELECTRICAL CHARACTERISTICS**

<table>
<thead>
<tr>
<th>NO. OF CORES</th>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>CONDUCTOR TYPE</th>
<th>CURRENT CARRYING CAPACITY IN AIR (A)</th>
<th>MAXIMUM CONDUCTOR RESISTANCE AT 20°C Ω/km</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>150</td>
<td>RM</td>
<td>436</td>
<td>0.206</td>
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<tr>
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<td>RM</td>
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<td>RM</td>
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<tr>
<td>1</td>
<td>400</td>
<td>RM</td>
<td>765</td>
<td>0.078</td>
</tr>
</tbody>
</table>

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.