H03S-K Cable

Eland Product Group: B3I

APPLICATION
Single core non-sheathed electric cables with silicone insulation. These cables are suitable for electric connexion for fixed installations in places with high temperatures, such as ovens or electric cookers.

CHARACTERISTICS

Voltage Rating Uo/U
300V/300V

Test Voltage
2kV

Temperature Rating
Operating: -60ºC to +180ºC
Maximum Short Circuit Temperature: 350ºC (Max. 5 seconds)

Minimum Bending Radius
5 x overall diameter

CONSTRUCTION

Conductor
Class 5 Flexible Bare or Tinned Copper

Insulation
Silicone Rubber

Colour
- Black
- Blue
- Brown
- Grey
- Orange
- Pink
- Red
- Turquoise
- Violet
- White
- Green
- Yellow or
- Green/Yellow

STANDARDS
EN 50525-2-41, BS EN 60228, EN 50363-1, IEC 60724, BS EN/IEC 60228, BS EN 50363

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 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>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>RESISTANCE AT 20°C Ohms/km</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Rb</td>
</tr>
<tr>
<td>0.5</td>
<td>39.0</td>
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<tr>
<td>0.75</td>
<td>26.0</td>
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<tr>
<td>1.5</td>
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<td>2.5</td>
<td>7.98</td>
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COLOUR IDENTIFICATION

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<thead>
<tr>
<th></th>
<th>BK</th>
<th>BL</th>
<th>BR</th>
<th>GR</th>
<th>OR</th>
<th>PK</th>
<th>TQ</th>
<th>VI</th>
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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.