FIRE RESISTANT CABLE

DESCRIPTION

Fire Resistant cables with Halogen free compounds are mainly used for installation of fire alarm and emergency evacuation systems, where long term electrical circuits are required under fire conditions, and to prevent loss of life and property eg. in industrial complexes, power stations, communal establishments, hotels, airports, underground railway networks, hospitals and outpatient clinics, department stores, data processing centres, theatres, cinemas, in multi-storey buildings, public gatherings, schools, etc. mining works, offshore plants, leading centres, traffic communication, emergency power supply and alarm systems.

Suitable for fixed installation in dry and moist rooms, in, above, on and beneath plaster as well as in masonry walls and in concrete.

These cables are suitable for outdoor and underground applications when installed in conduits or tubes. When installed in conduit all precautions must be taken that no accumulation of water can occur in the pipes.

ORDERING INFORMATION

<table>
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<tr>
<th>Product Code</th>
<th>Product Description</th>
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<tbody>
<tr>
<td>SH-2PH30-500</td>
<td>PH30, 2-core, 1 mm, Stranded Cable (500 m), RS485</td>
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<tr>
<td>SH-2PH120-500</td>
<td>PH120, 2-core, 1 mm, Stranded Cable (500 m), RS485</td>
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FEATURES

- Versatile use for RS485 communication, Addressable system and Conventional system wiring
- Tested to IEC 60332-1, Cat CWZ TO BS:6387, BS EN 50200
- No short circuit under a direct flame of up to 850 °C for the duration equivalent to the rating
- PH30 Functionality assures the functional performance of emergency systems up to 30 minutes
- PH120 Functionality assures the functional performance of emergency systems up to 120 minutes
- Class 2 stranded copper conductor
- Core wrapping with special mica impregnated glass fibre tape
- Red outer jacket
- Screening with alu-laminated polyester tape and stranded tinned copper drain wire

SPECIFICATIONS

- Flame retardant, fire rated security and fire warning cable
- Conforms to BS EN 50200 and tested to BS6387
- Voltage rating U / U 300 / 500 V
- Cable Construction Twisted 2C x 1.0 Sq.mm + E
- Conductor Resistance 18.1 Ω / km
- Outer Diameter PH30 - 7.8 mm
  PH120 - 9 mm
- Operating temperature -15 °C to 70 °C