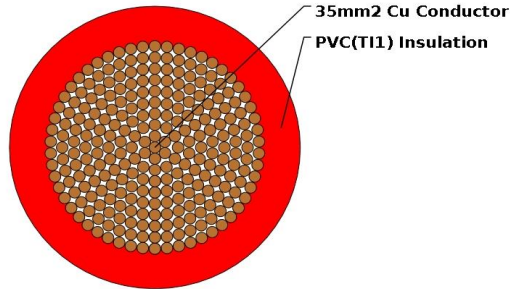


Cable Code: CAUTPC035001RD1>
Description: METSEC AUTO CABLE 35.00MM RED (Roll=100m)
Reference: NYAF / H07V-K
Standard: BS EN 50525-2-31



Main Application:

For indoor fixed installations in dry locations, where particular flexibility is required. For electrical panels connection, electrical apparatus or automotive. They can be laid in groups around steel sheet

Parameters:

| | | |
|--|--|---------------------------|
| Physical | Conductor | Copper |
| | Insulation | PVC |
| | Cross sectional area | 35 sq mm |
| | No. of Cores: | 1 |
| | Nom. Thickness of Insulation | 1.2 mm |
| | Nom. Overall Diameter | 10.2 mm |
| | Nom. Weight | 36.01 kg/m |
| | Conductor Class | 5 |
| Colour of Insulation | Red | |
| Electrical | Rated Voltage (U ₀ /U) | 450/750 V |
| | Max. permissible operating voltage in AC systems (U _m) | 0.825 kV |
| | AC Test voltage over 5 minutes | 3.125 kV |
| | Max. Conductor D.C Resistance 20°C | 0.554 Ohms |
| | Max. Conductor D.C Resistance @ 70°C | 0.66 Ohms |
| | Min. Insulation Resistance | 5 MΩ.km |
| Short Circuit Current Rating for 1 second duration | 4.025 kA | |
| Thermal | Maximum conductor operating temperature: | 70 °C |
| | Lowest ambient temperature for fixed installation: | -40 °C |
| | Lowest installation temperature: | -5 °C |
| | Maximum short-circuit conductor temperature: | +160 °C |
| Mechanical | Tensile load | 525 N/mm ² |
| | Min. bending radii (BS 7671) | 3 * d |
| Chemical | Resistance to oil: | According to IEC Standard |
| | Flame Retardant: | IEC 60332-1-2 |

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