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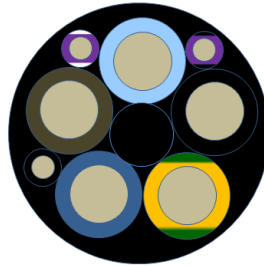


Kabeltechnik GmbH

Datasheet

Loadcable for Electro-Automobiles

EVC H07BZ5-F 5 G 6,00 + 3 x 0,50 mm² 450/750 V EN 50620 flame-protected



Technical Data:

According to standard EN 50620 : 2017

Thermal Properties:

temperature: -40°C bis + 90°C

Nominal Voltage: 450 V / 750 V

Test Voltage : 2500 V

Assembly:

Conductor:

- Copper blanc, fine stranded
- Strand composition: 6,0 mm² = 84 x 0,30 mm² ; 0,5 mm²= 16 x 0,20 mm² (optional)
- Nominal Resistance: according to DIN VDE 0295, IEC 60228
- Cadmium and FCKW free , Halogen free
- Twisting in Z-direction : 200 mm
- Shore Hardness from the Isolation : Shore 85 A
- Isolation material: core 2,5 mm²: EPR-rubber cross-linked , EVI-2
- Isolation material: core 0,5 mm²: TPE-E; EVI-1
- Nominal wall thickness: 0,7 mm per 6,0 mm²; 0,4 mm for 0,50mm²
- Outer diameter : 6,0 mm² = 3,8 mm; 0,5 mm² = 1,75 mm
- Core colors : yellow/gn, bu, br, bl, gy for 2,5 mm²; bk-violet; gy-violet, black for 0,5 mm²,

Outer sheath

- Polyether-Polyurethan EVM-1 (Z5)
- Cadmium and FCKW free, Halogen free
- Oil resistant, Sea water resistant, Hydrolysis resistant, uv resistant
- fire behaviour to EN 60332-1-2; V0 to UL 94
- Shore hardness sheath : Shore 85 A
- Talcum or a separation layer
- nominal wall thickness : 1,2 mm
- sheath diameter: 17,0 mm +/- 0,5 mm
- Sheath color: customer preference
- Sheath printing:

AHK Kabel EVC H07BZ5-F 5 G 2,5 + 3 x 0,5 mm² 450/750 Volt <VDE> EN 50620

Date	19.12.17	All data in the data sheet to the best of our Knowledge. You do not absolve the user for own Suitability. Subject to change
File	H07BZ5-F 5G6,0+3x0,5	
Color	Black	