

Datasheet
Chargeable for Electric-Vehicles
EVC H07BZ5-F 3 G 2,50 + 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: 2,5 mm² = 47 x 0,25 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 : 100 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 2,5 mm²; 0,4 mm for 0,50mm²
- Outer diameter : 2,5 mm² = 3,8 mm; 0,5 mm² = 1,75 mm
- Core colors : br, bu, gn/yellow per 2,5 mm²; wh; or, pp 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: 11,5 mm + 0,4 mm / - 0,5 mm
- Sheath color: customer preference
- Sheath printing:

EVC H07BZ5-F 3 G 2,5 + 3 x 0,5 mm² 450/750 Volt EN 50620 <VDE> <HAR> RATIO-ELECTRIC.COM

-weight : 168 kg / km

Date	04.07.19	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 3G2.5+3x0.5	
Color	Black	