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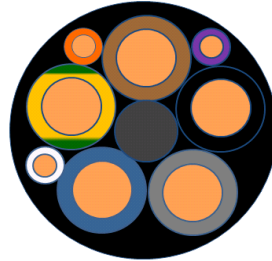


Kabeltechnik GmbH

**Datasheet**

**Chargeable for Electric-Vehicles**

**EVC H07BZ5-F 5 G 6,00 + 3 x 0,50 mm<sup>2</sup> 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 mm<sup>2</sup> = 84 x 0,30 mm<sup>2</sup> ; 0,5 mm<sup>2</sup>= 16 x 0,20 mm<sup>2</sup> (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 6,0 mm<sup>2</sup>: EPR-rubber cross-linked , EVI-2
- Isolation material: core 0,5 mm<sup>2</sup>: TPE-E; EVI-1
- Nominal wall thickness: 0,7 mm per 6,0 mm<sup>2</sup>; 0,4 mm for 0,50mm<sup>2</sup>
- Outer diameter : 6,0 mm<sup>2</sup> = 5,0 mm; 0,5 mm<sup>2</sup> = 1,75 mm
- Core colors : br, bk, gy, bl, ye/gr for 6,0 mm<sup>2</sup>; wh; or, pp for 0,5 mm<sup>2</sup>,

**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 seperation layer
- nominal wall thickness : 1,4 mm
- sheath diameter: 16,00 mm +0,2/- 0,5 mm
- Sheath color: customer preference
- Sheath printing:

EVC H07BZ5-F 5 G 6,00 + 3 x 0,50 mm<sup>2</sup> 450/750 Volt EN 50620 <VDE> <HAR> RATIO-ELECTRIC.COM

Art.No. 400406

Date	07.11.19	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 5G6,0+3x0,5	
Color	Black	

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