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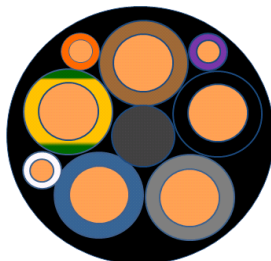


Kabeltechnik GmbH

**Datasheet**

**Chargeable for Electric-Vehicles**

**EVC H07BZ5-F 5 G 2,50 + 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: 2,5 mm<sup>2</sup> = 47 x 0,25 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 2,5 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 2,5 mm<sup>2</sup>; 0,4 mm for 0,50mm<sup>2</sup>
- Outer diameter : 2,5 mm<sup>2</sup> = 3,8 mm; 0,5 mm<sup>2</sup> = 1,75 mm
- Core colors : br, bk, gy, bl, ye/gr per 2,5 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 : 1,2 mm
- sheath diameter: 13,0 mm +/- 0,5 mm
- Sheath color: customer preference
- Sheath printing:

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

|       |                         |   |
|-------|-------------------------|---|
| Date  | 20.11.18                | 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<br>5G2,5+3x0,5 |   |
| Color | Black                   |   |