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| DATA SHEET | 1600810 |
| H07ZZ-F | valid from : 31.01.2007 |



Application

Halogen free Rubber cables for use in tools and agricultural machinery. Acc. to VDE 0100 part 711 these cables are permitted in buildings for shows and booths without fire alarm system. The cables are for use in dry and damp interiors as well as outdoors.

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| Design | acc. to HD 22-13 that is VDE 0282 part 13 |
| Conductor | bare copper, fine wire strand in acc. to IEC 60 228 that is VDE 0295, class 5 |
| Core insulation | halogen free rubber compound EI 8 acc. to EN 50363-5 |
| Identification | colour coded in acc. to VDE 0293-1 or HD308S2 that is VDE 0293-308 |
| Outer sheet | halogen free rubber compound EM 8 acc. to EN 50363-6 |
| Colour outer sheet | black |

Electrical properties at 20 °C

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| Rated voltage | U_0/U : 450 / 750 V |
| Test voltage | 2500 V AC |

Mechanical and thermal properties

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| Temp. range | flexible application: -5 °C to +70 °C max. conductor temperature fixed installation: -40 °C to +70 °C max. conductor temperature |
| Min. bending radius | flexing: 6 x cable diameter static: 4 x cable diameter |
| Flame retardant | acc. to IEC 60 332.1 and IEC 60 332.3 |
| Tests | acc. to VDE 0472 and IEC 60 811-x.x that is VDE 0473; UL Style 20234 |
| Approvals | H07ZZ-F acc. to HD 22-13 that is VDE 0282 part 13 |
| EC directive | this cable confirms to ECD 73/23/EEC (low voltage directive) |

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| elaborated from: PD-KL: J. Schäferling | Document: DB1600810DE | page 1 of 1 |
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