



HSLCH-JZ - 0,50 mm²

Halogen-free machine control cable with overall copper braided screening; preferred EMC compatible cable type

Construction

- Conductor: stranded bare Cu conductor, fine wire
- Strand structure to VDE 0295 class 5 / IEC 60228 class 5
- Core insulation: halogen-free compound
- Black cores with printed consecutive number coding
- Green-yellow protective conductor (3 cores and over) in the outer layer
- Special versions without protective conductor: "OZ"
- Cross-sections 35.0 mm² and over with cores coloured to VDE 0293
- Cores twisted in layers, with optimal lay lengths
- Lapped with plastic film
- Braided screening made of tinned copper wire
- Outer sheath: halogen-free compound
- Sheath colour: RAL 7001 grey

Technical Data

- Rated voltage: U_o/U 300/500 V
- Test voltage: 4000 V
- Bending radius: 15 x cable diameter
- Temperature range:
 - flexible -15°C to +70°C
 - stationary -40°C to +70°C

Properties

- Flame retardant to IEC 60332-3
- Halogen-free to IEC 60754-1 and IEC 60754-2

Special characteristics

- reduced fire propagation
- low smoke emission
- low fire load
- no corrosiveness
- recyclable

Ø mm ²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
2 x 0,5 OZ	32,1	5,8	46,0	2502050020
3 x 0,5	39,2	6,1	56,0	2503050000
3 x 0,5 OZ	39,2	6,1	56,0	2503050020
4 x 0,5	46,1	6,5	62,0	2504050000
4 x 0,5 OZ	46,1	6,5	62,0	2504050020
5 x 0,5	52,1	7,0	75,0	2505050000

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
7 x 0,5	75,0	7,5	98,0	2507050000
12 x 0,5	117,0	9,9	158,0	2501205000
18 x 0,5	156,2	11,5	216,0	2501805000
25 x 0,5	205,5	13,5	315,0	2502505000

- Further formats available on request
- All data and products subject to change