



HSLCH-JZ - 1,00 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: U₀/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 1,0 OZ	50,0	6,5	66,0	2502100020
3 x 1,0	60,0	6,8	80,0	2503100000
3 x 1,0 OZ	60,0	6,8	80,0	2503100020
4 x 1,0	75,0	7,3	100,0	2504100000
4 x 1,0 OZ	75,0	7,3	100,0	2504100020
5 x 1,0	91,0	8,1	130,0	2505100000

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
7 x 1,0	117,0	8,8	160,0	2507100000
12 x 1,0	187,0	11,5	250,0	2501210000
18 x 1,0	253,5	13,9	382,0	2501810000
25 x 1,0	342,6	16,0	460,0	2502510000

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