



HSLH-JZ - 1,00 mm²

Halogen-free machine control cable with enhanced fire protection properties

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
- Cross-sections 35.0 mm² and over with cores coloured to VDE 0293
- Special versions without protective conductor "OZ"
- Cores twisted in layers, with optimal lay lengths
- 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 1,0 OZ	19,2	5,7	57,0	2602100020
3 x 1,0	28,8	6,0	80,0	2603100000
3 x 1,0 OZ	28,8	6,0	80,0	2603100020
4 x 1,0	38,4	6,7	106,0	2604100000
4 x 1,0 OZ	38,4	6,7	106,0	2604100020
5 x 1,0	48,0	7,3	123,0	2605100000
7 x 1,0	67,2	8,2	149,0	2607100000

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
8 x 1,0	77,0	8,8	175,0	2608100000
10 x 1,0	96,0	10,2	220,0	2601010000
12 x 1,0	115,2	10,5	260,0	2601210000
16 x 1,0	154,0	12,0	320,0	2601610000
18 x 1,0	172,8	12,7	350,0	2601810000
20 x 1,0	192,0	13,5	370,0	2602010000
25 x 1,0	240,0	14,7	470,0	2602510000

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