



HSLH-JZ - 0,50 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: Uo/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	9,6	4,8	40,0	2602050020
3 x 0,5	14,4	5,1	47,0	2603050000
3 x 0,5 OZ	14,4	5,1	47,0	2603050020
4 x 0,5	19,2	5,7	57,0	2604050000
4 x 0,5 OZ	19,2	5,7	57,0	2604050020
5 x 0,5	24,0	6,2	88,0	2605050000
7 x 0,5	33,6	6,8	85,0	2607050000

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
8 x 0,5	38,0	7,5	110,0	2608050000
10 x 0,5	48,0	8,6	142,0	2601005000
12 x 0,5	58,0	8,9	133,0	2601205000
16 x 0,5	76,0	10,2	198,0	2601605000
18 x 0,5	86,0	10,5	216,0	2601805000
20 x 0,5	96,0	11,0	231,0	2602005000
25 x 0,5	120,0	12,6	257,0	2602505000
34 x 0,5	163,0	14,5	398,0	2603405000

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