



HSLH-JZ - 2,50 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: 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 2,5 OZ	48,0	7,7	121,0	2602250020
3 x 2,5	72,0	8,4	170,0	2603250000
4 x 2,5	96,0	9,2	180,0	2604250000
5 x 2,5	120,0	10,2	190,0	2605250000
7 x 2,5	168,0	11,3	280,0	2607250000
12 x 2,5	288,0	14,8	510,0	2601225000
18 x 2,5	432,0	18,0	870,0	2601825000

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
25 x 2,5	600,0	21,4	1.140,0	2602525000

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