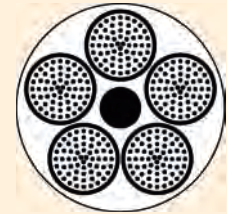


HSLH

LSOH control cable

RoHS

CROSS SECTION



APPLICATION

Suitable for use as a fixed installation or flexible (freely moving without restrictive guidance) measuring and control cable for electrical equipment and power systems in industry and the systems engineering sector. For computer units, control units on machine tools, assembly lines, control units on conveyor systems and production lines, for controlling, regulating and monitoring work processes, industrial plants, as well as guided lines with occasional free, not constantly recurring movement without forced guidance. For external and internal installation in wet and damp environments but not outdoors. With reduced fire load and low smoke and corrosive combustion gas emissions for preventing increased risks of injury to persons and damage to property in the event of a fire.

STRUCTURE

Conductor	Copper, bare, flexible
Cores	Halogen-free polymer insulation; Labelling: black with digits (only 2-cored); Yellow and green, remaining cores black with digits
Outer sheath	Halogen-free, flame-retardant polymer

TECHNICAL DATA

Nominal voltage	300 V/500 V
Test voltage	2000 V
Flame retardancy	DIN VDE 0472-804, test method C (cable bundle set)
Halogen-free nature of combustion gases	DIN VDE 0472-815 corrosiveness
Smoke density	DIN VDE 0472-813
Installation temperature	DIN VDE 0472-816
Installation temperature	Fixed installation -40°C to +85°C
Min. bending radius	Moving -30°C to +85°C, in the event of a short circuit +160°C
Min. bending radius	Cable Ø < 12 mm fixed installation 8x cable Ø
Min. bending radius	Cable Ø < 12 mm moving 10x cable Ø
Min. bending radius	Cable Ø > 12 mm fixed installation 8x cable Ø
Min. bending radius	Cable Ø > 12 mm moving 10x cable Ø

SPECIAL FEATURES

Properties
Unshielded
Halogen free
Flame retardant

Sheath colour
Grey (RAL 7001), imprint:
TYP HALOGENFREI
Company tracer thread

Product description		Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
HSLH-OZ	2x0.75	14.4	6.4	55	8360000
HSLH-JZ	3x0.75	21.6	6.8	65	8360001
HSLH-JZ	4x0.75	29.0	7.0	75	8360002
HSLH-JZ	5x0.75	36.0	7.9	90	8360003
HSLH-JZ	7x0.75	50.4	8.6	110	8360004
HSLH-JZ	12x0.75	86.4	11.5	170	8360008
HSLH-JZ	18x0.75	129.6	13.4	255	8360010
HSLH-JZ	25x0.75	180.0	16.5	365	8360012
HSLH-JZ	3x1	29.0	6.1	62	8360021
HSLH-JZ	4x1	38.0	6.8	79	8360022
HSLH-JZ	5x1	48.0	7.6	98	8360023
HSLH-JZ	7x1	67.0	8.3	126	8360025
HSLH-JZ	12x1	115.0	10.8	212	8360029
HSLH-OZ	2x1.5	29.0	7.2	75	8360040
HSLH-JZ	3x1.5	43.2	7.6	90	8360041
HSLH-JZ	4x1.5	58.0	8.3	110	8360042
HSLH-JZ	5x1.5	72.0	9.0	135	8360043
HSLH-JZ	7x1.5	101.0	9.8	165	8360044
HSLH-JZ	10x1.5	144.0	12.8	235	8360047
HSLH-JZ	12x1.5	173.0	13.2	270	8360048
HSLH-JZ	18x1.5	259.0	15.4	385	8360050
HSLH-JZ	25x1.5	360.0	19.6	575	8360052
HSLH-JZ	3x2.5	72.0	8.4	127	8360061
HSLH-JZ	4x2.5	96.0	9.3	162	8360062
HSLH-JZ	5x2.5	120.0	10.3	200	8360063
HSLH-JZ	4x4.0	154.0	11.6	240	8360075
HSLH-JZ	5x4.0	192.0	12.7	285	8360076
HSLH-JZ	4x6.0	231.0	13.0	305	8360080
HSLH-JZ	5x6.0	288.0	14.3	410	8360081