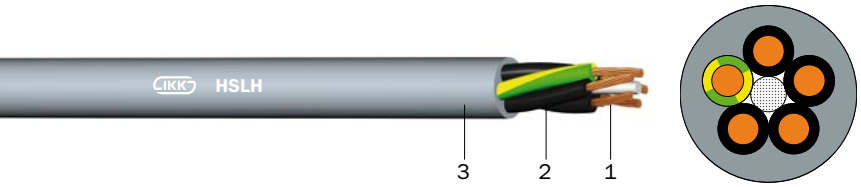
INTERKABEL KYIV

HSLH

Flexible control cable, unscreened

DESIGN



1 I Copper conductor, fine wire (–F)
2 I Core insulation (halogen-free polymer compound), cores stranded in layers
3 I Inner covering (halogen-free plastic tape)
4 I Sheath (halogen-free polymer compound, grey, oil resistant)

APPLICATION

For the electrical connection of components of production machines and machine tools. Shows some resistance to all-purpose mineral oil and is not designed for permanent usage in oil baths. The cable is designed for use in buildings to protect people and technical building equipment in the event of fire if circuit integrity is not required and should be installed with mechanical protection.

TECHNICAL DATA

Standard:
SKW – Internal standard

Rated voltage:
300/500 V

Test voltage:
2 kV/50 Hz

Temperature range:

laying temperature:	min. –5 °C
operating temperature:	
– fixed:	–40 °C to +70 °C
– in motion:	–5 °C to +70 °C
conductor temperature:	max. +70 °C
short-circuit temperature:	max. +150 °C/5 s

Bending radius (min.):
4 x ∅ of cable

Core identification:
one core yellow-green, others black with number printing

Fire properties:
flame retardand:
EN 60332-1-2
halogen-free, non-corrosive combustion gases:
EN 60754
low smoke emission:
EN 61034-2
reduced flame propagation:
EN 60332-3-24

Certificate:
UkrSepro certification in Ukraine
CU-TR Russia, Belarus and Kazakhstan

INTERKABEL KYIV

HSLH

Number and nominal cross-section of cores (mm²)	Calculated cable diameter (mm)	Calculated weight 1 km of cable (kg)	Cores' electrical resistance, in keeping with with IEC 60228, no more (Om/km)
HSLH			
2 X 0,75	5,7	26,000	53,0
3 G 0,75	6,0	26,000	63,0
4 G 0,75	6,5	26,000	77,0
5 G 0,75	7,1	26,000	94,0
7 G 0,75	7,5	26,000	116,0
12 G 0,75	10,2	26,000	187,0
18 G 0,75	11,9	26,000	285,0
25 G 0,75	13,9	26,000	397,0
2 X 1	6,1	19,500	62,0
3 G 1	6,4	19,500	74,0
4 G 1	7,0	19,500	91,0
5 G 1	7,6	19,500	111,0
7 G 1	8,1	19,500	140,0
12 G 1	11,1	19,500	232,0
18 G 1	13,4	19,500	332,0
25 G 1	15,4	19,500	464,0
2 X 1,5	6,9	13,300	84,0
3 G 1,5	7,3	13,300	102,0
4 G 1,5	7,9	13,300	125,0
5 G 1,5	8,9	13,300	154,0
7 G 1,5	9,8	13,300	193,0
12 G 1,5	13,2	13,300	323,0
18 G 1,5	15,9	13,300	479,0
25 G 1,5	18,5	13,300	678,0
34 G 1,5	22,0	13,300	922,0
2 X 2,5	8,5	7,980	123,0
3 G 2,5	9,0	7,980	151,0
4 G 2,5	10,0	7,980	188,0
5 G 2,5	11,0	7,980	234,0
7 G 2,5	12,7	7,980	306,0
12 G 2,5	16,0	7,980	508,0
4 G 4	12,8	4,950	301,0
5 G 4	14,0	4,950	355,0
4 G 6	14,6	3,300	380,0
5 G 6	16,4	3,300	490,0
5 G 10	22,4	1,910	840,0

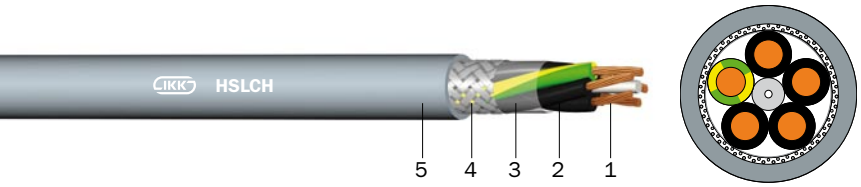
Subject to technical changes.

INTERKABEL KYIV

HSLCH

Flexible control cable, screened

DESIGN



1 I Copper conductor, fine wire (–F)
2 I Core insulation (halogen-free polymer compound), cores stranded in layers
3 I Inner covering (halogen-free plastic tape)
4 I Braided screen (tinned copper wires)
5 I Sheath (halogen-free polymer compound, grey, oil resistant)

APPLICATION

For the electrical connection of components of production machines and machine tools if a certain level of electronic screening is required. Shows some resistance to all-purpose mineral oil and is not designed for permanent usage in oil baths. The cable is designed for use in buildings to protect people and technical building equipment in the event of fire if circuit integrity is not required and should be installed with mechanical protection.

TECHNICAL DATA

Standard:
SKW – Internal standard

Rated voltage:
300/500 V

Test voltage:
2 kV/50 Hz

Temperature range:

laying temperature:	min. –25 °C
operating temperature:	
– fixed:	–25 °C to +50 °C
– in motion:	–25 °C to +50 °C
conductor temperature:	max. +60 °C
short-circuit temperature:	max. +200 °C/5 s

Bending radius (min.):
4 x ∅ of cable

Core identification:
one core yellow-green, others black with number printing

Fire properties:
flame retardand:
EN 60332-1-2
halogen-free, non-corrosive combustion gases:
EN 60754
low smoke emission:
EN 61034-2
reduced flame propagation:
EN 60332-3-24

Certificate:
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5 G 0,75	8,1	26,000	94,0
7 G 0,75	8,7	26,000	116,0
12 G 0,75	11,4	26,000	187,0
18 G 0,75	13,3	26,000	285,0
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18 G 1,5	17,3	13,300	479,0
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Subject to technical changes.