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: –20 °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 50267-2-2
low smoke emission:
EN 61034-2
reduced flame propagation:
EN 60332-3-24

Certificate:
CU-TR Russia, Belarus and Kazakhstan

Number of cores x nominal cross section (mm^2)	Max. conductor resistance (Ω/km)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/ packing (m)
HSLH				
2 x 0.75	26.000	5.7	55	500 D, 1,000 D
3 x 0.75	26.000	6.0	65	500 D, 1,000 D
4 x 0.75	26.000	6.5	80	500 D, 1,000 D
5 x 0.75	26.000	7.1	95	500 D, 1,000 D
7 x 0.75	26.000	7.5	120	500 D, 1,000 D
12 x 0.75	26.000	10.2	190	500 D, 1,000 D
18 x 0.75	26.000	11.9	285	500 D, 1,000 D
25 x 0.75	26.000	13.9	400	500 D, 1,000 D
2 x 1	19.500	6.1	65	500 D, 1,000 D
3 x 1	19.500	6.4	75	500 D, 1,000 D
4 x 1	19.500	7.0	95	500 D, 1,000 D
5 x 1	19.500	7.6	115	500 D, 1,000 D
7 x 1	19.500	8.1	140	500 D, 1,000 D
12 x 1	19.500	11.1	235	500 D, 1,000 D

PRAKAB PRAŽSKÁ KABELOVNA

HSLH

Number of cores x nominal cross section (mm^2)	Max. conductor resistance (Ω/km)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/ packing (m)
HSLH				
18 x 1	19.500	13.4	335	500 D, 1,000 D
25 x 1	19.500	15.4	465	500 D, 1,000 D
2 x 1.5	13.300	6.9	85	500 D, 1,000 D
3 x 1.5	13.300	7.3	105	500 D, 1,000 D
4 x 1.5	13.300	7.9	125	500 D, 1,000 D
5 x 1.5	13.300	8.9	155	500 D, 1,000 D
7 x 1.5	13.300	9.8	195	500 D, 1,000 D
12 x 1.5	13.300	13.2	325	500 D, 1,000 D
18 x 1.5	13.300	15.9	480	500 D, 1,000 D
25 x 1.5	13.300	18.5	680	500 D, 1,000 D
34 x 1.5	13.300	22.0	925	500 D, 1,000 D
2 x 2.5	7.980	8.5	125	500 D, 1,000 D
3 x 2.5	7.980	9.0	155	500 D, 1,000 D
4 x 2.5	7.980	10.0	190	500 D, 1,000 D
5 x 2.5	7.980	11.0	235	500 D, 1,000 D
7 x 2.5	7.980	12.7	310	500 D, 1,000 D
12 x 2.5	7.980	16.0	510	500 D, 1,000 D
4 x 4	4.950	12.8	305	500 D, 1,000 D
5 x 4	4.950	14.0	355	500 D, 1,000 D
4 x 6	3.300	14.6	380	500 D, 1,000 D
5 x 6	3.300	16.4	490	500 D, 1,000 D
5 x 10	1.910	22.4	840	500 D, 1,000 D

Subject to technical changes.