

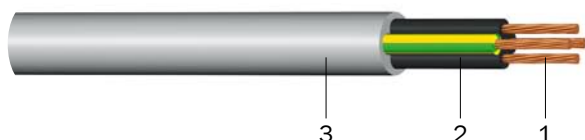
SLM (SKW-MOTORFLEX)

Motor power supply cable

Standard: SKW standard

Application:

For the use as power supply cable under medium mechanical stress, for fixed resp. occasionally moved installation in dry and wet rooms.



Construction:

- 1 Copper conductor, fine wire
- 2 Insulation (PVC), cores stranded in layers
- 3 Sheath (PVC, grey or black)



Rated voltage: 0.6/1 kV



Test voltage: 4000 Veff



Temperature range:

During installation: min. +5 °C
Operating temperature: fixed -20 °C to +70 °C
moved +5 °C to +70 °C

Conductor temperature: max. +70 °C

Short circuit temperature of the conductor: max. +160 °C/5 s



Bending radius (min.):

fixed installed 5 x Ø to 12 mm Ø
7,5 x Ø 12 to 20 mm Ø
above: 10 x Ø

moveable installed 10 x Ø to 12 mm Ø
15 x Ø 12 to 20 mm Ø
above: 20 x Ø



Core identification:

black with white numbers, PE-conductor gnye (outer layer)



Flammability:

Self extinguishing (EN 50265-2-1, IEC 60332-1)

Number of cores x nominal cross section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.	Standard lengths/packing (m)	Price (EUR/km)
SLM (SKW-MOTORFLEX)						
4 x 1.5	13.300	11.0	60	170	500 T, 1000 T	2,254.05
4 x 2.5	7.980	12.4	100	235	500 T, 1000 T	3,043.23
4 x 4	4.950	13.8	160	330	500 T, 1000 T	4,220.45
4 x 6	3.300	15.9	240	460	500 T, 1000 T	5,964.57
4 x 10	1.910	19.6	400	740	500 T, 1000 T	9,606.01
4 x 16	1.210	23.8	640	1,125	500 T, 1000 T	13,776.43
4 x 25	0.780	29.5	1,000	1,708	500 T, 1000 T	21,333.00
5 x 1.5	13.000	12.0	75	195	500 T, 1000 T	2,695.57
5 x 2.5	7.980	13.2	125	280	500 T, 1000 T	3,619.10
5 x 4	4.950	15.1	200	415	500 T, 1000 T	5,176.78
5 x 6	3.300	17.6	300	555	500 T, 1000 T	7,075.48
5 x 10	1.910	20.9	500	875	500 T, 1000 T	10,647.95
5 x 16	1.210	25.9	800	1,295	500 T, 1000 T	14,881.53

Subject to technical changes. All figures are therefore without guarantee.