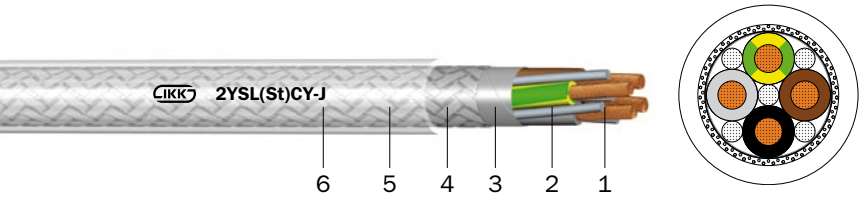
INTERKABEL KYIV

2YSL(St)CY-J 0,6/1 kV EMV, 2YSL(St)CYK-J 0,6/1 kV EMV-UV

Motor power supply cable, screened

DESIGN



1 | Copper conductor, fine wire (–F)
2 | Core insulation (PE), cores stranded in layers
3 | Inner covering (plastic tape)
4 | First screening (plastic laminated aluminium tape)
5 | Second screening (tinned copper wires)
6 | Sheath (PVC, transparent or black and UV-resistant)

APPLICATION

These cables are especially suitable for the EMC-optimized connection between frequency converters and motors. For use under medium mechanical stress, for fixed installation resp. occasionally moved, for indoor and outdoor applications but not for underground installation.

TECHNICAL DATA

Standard:
DIV VDE 0250

Rated voltage:
0.6/1 kV

Test voltage:
4 kV/50 Hz

Temperature range:
operating temperature:
– fixed: –30 °C to +80 °C
– in motion: –5 °C to +70 °C
short-circuit temperature: max. +160 °C/5 s

Bending radius (min.):
5 x ∅ of cable (fixed)
10 x ∅ of cable (in motion)

Core identification:
HD 308 S2

Fire properties:
flame retardant:
EN 60332-1-2

Certificate:
UkrSepro certification in Ukraine

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)
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4 x 1,5	10,6	13,300	244
4 x 2,5	12,3	7,980	318
4 x 4	14,0	4,950	513
4 x 6	16,1	3,300	670
4 x 10	19,7	1,910	914
4 x 16	23,0	1,210	1 367
4 x 25	27,3	0,780	1 970
4 x 35	30,3	0,554	2 763
4 x 50	35,0	0,386	3 126
4 x 70	40,0	0,272	4 182
4 x 95	45,0	0,206	5 725

Subject to technical changes.