

YSLYCY 1kV

Power and control cable, flexible, 0,6/1 kV
+70 °C service temperature, collective screen, UV resistant
EN 50575

Application

Flexible and screened power, process control and instrumentation cable with inner sheath for industry, machinery and outdoor environment. The cable is resistant to UV-irradiation, to most commonly used chemicals and to oil and grease. For fixed installation or flexible applications, with free movement without forced motion and without tensile stress. Not suitable for constant motion.

Construction



- | | | |
|----------------------|--------------------------------------------|------------------------------------------|
| 1. Conductor: | Copper conductor, bare, flexible (class 5) | |
| 2. Insulation: | PVC | |
| Core identification: | -JZ: numbered, with green/yellow core | -OZ: numbered, without green/yellow core |
| | -JB: coloured, with green/yellow core | -OB: coloured, without green/yellow core |
| 3. Inner sheath: | PVC | |
| 4. Screen: | Copper wire braid, tinned | |
| 5. Sheath: | PVC, black | |

Technical information

Nominal voltage	U ₀ /U	0,6/1 kV
Test voltage		4000 V
Max. permissible temperature at conductor		70 °C
Min. operating temperature	fixed installation	-40 °C
	occasional flexing	-5 °C
Min. temperature during installation		-5 °C
Bending radius	fixed installation	5 x outer diameter in mm
	occasional flexing	10 x outer diameter in mm
Safety parameters		
Reaction to fire		EN 50399 E _{ca}
Flame spread	single cable	IEC 60332-1-2
Additional parameters		
Ozone resistance		EN 50811-104

YSLYCY 1kV

Power and control cable, flexible, 0,6/1 kV
+70 °C service temperature, collective screen, UV resistant
EN 50575

N° of cores and size mm ²	Outer-diameter approx. mm	Cable weight approx. kg/km
2 x 0,5	8,1	117
3 G 0,5	8,4	135
4 G 0,5	9,2	150
5 G 0,5	9,9	173
7 G 0,5	11,9	198
12 G 0,5	14,4	313
18 G 0,5	17,0	408
25 G 0,5	20,2	638
2 x 0,75	8,5	135
3 G 0,75	8,9	149
4 G 0,75	9,7	169
5 G 0,75	11,0	197
7 G 0,75	12,8	315
12 G 0,75	15,6	410
18 G 0,75	17,7	560
25 G 0,75	21,7	762
2 x 1	9,2	150
3 G 1	9,7	163
4 G 1	10,6	198
5 G 1	12,4	239
7 G 1	13,7	335
12 G 1	16,4	522
18 G 1	19,4	628
25 G 1	22,6	855
2 x 1,5	10,1	181
3 G 1,5	11,1	205
4 G 1,5	12,6	240
5 G 1,5	13,5	286
7 G 1,5	15,3	383
12 G 1,5	19,2	690
18 G 1,5	22,2	806
25 G 1,5	25,1	1180
2 x 2,5	11,3	191
3 G 2,5	12,7	298
4 G 2,5	14,2	345
5 G 2,5	15,0	457
7 G 2,5	17,5	561
12 G 2,5	21,7	857
18 G 2,5	25,5	1053
25 G 2,5	29,4	1373

YSLYCY 1kV

Power and control cable, flexible, 0,6/1 kV
+70 °C service temperature, collective screen, UV resistant
EN 50575

N° of cores and size mm ²	Outer-diameter approx. mm	Cable weight approx. kg/km
2 x 4	14,1	247
4 G 4	16,0	527
5 G 4	17,3	661
7 G 4	19,0	828
2 x 6	16,1	353
4 G 6	17,7	715
5 G 6	19,0	832
7 G 6	22,1	1205
2 x 10	18,4	492
4 G 10	21,7	864
5 G 10	23,8	1.020
4 G 16	25,2	1.184
5 G 16	27,6	1.402
4 G 25	29,8	1.792
5 G 25	32,7	2.209
4 G 35	32,7	2.495
5 G 35	38,7	2.736
4 G 50	39,6	4.094
5 G 50	44,9	5.118
4 G 70	44,0	5.467
5 G 70	50,4	6.834
4 G 95	51,0	5.849
5 G 95	56,5	7.720
4 G 120	58,1	7.509

La version française de cette fiche technique est disponible sur demande.
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.