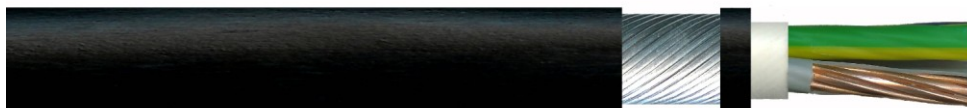


YKSXS Foyzo-Nr 0,6/1 kV, YKSXS Foy-Nr 0,6/1 kV**XLPE INSULATED AND PVC SHEATHED, STEEL WIRE ARMoured AND PVC OVERSHEATHED CONTROL CABLES****APPLICATIONS**

YKSXS Foyzo-Nr 0,6/1 kV and **YKSXS Foy-Nr 0,6/1 kV** armoured control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

Galvanized steel wire armour provides carrying an axial load of the cable during installation and exploitation. It also offers enhanced protection against mechanical damages and rodent attack, as well as shielding properties.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black cross-linked polyethylene (XLPE) insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YKSXS Foyzo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in layers,
- PVC cable sheath,
- galvanized steel wire armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSXS Foyzo-Nr-O 0,6/1 kV and **YKSXS Foy-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKSXS Foyzo-Nr 0,6/1 kV and **XnKSXS Foy-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

YKSXS Foyzo-Nr 0,6/1 kV, YKSXS Foy-Nr 0,6/1 kV

CHARACTERISTICS

Conductor cross-section	mm ²	1	1,5	2,5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

Operating voltage U ₀ /U	0.6/1 kV	Temperature range during operation	from - 30 to + 70°C
Voltage test	4 kV rms	during installation	from - 5 to + 50°C
Insulation resistance, minimum	100 MΩ·km	Minimum bending radius	12 x cable diameter
Conductor temperature limit in work conditions	+ 90°C	Cable combustibility	flame retardant
in short-circuit	+ 250°C	Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2
		Reference standards	IEC 60502-1, PN-HD 603 S1

CE = the cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductor cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm ²	mm	kg/km	kg/km
YKSXS Foyzo-Nr 0,6/1 kV				
1483 008	7 x 1	13.3	67.2	392
1483 009	10 x 1	15.8	96.0	514
1483 010	12 x 1	16.2	115.2	545
1483 011	14 x 1	16.8	134.4	587
1483 012	16 x 1	17.5	153.6	638
1483 013	19 x 1	18.2	182.4	690
1483 014	24 x 1	21.4	230.4	980
1483 015	30 x 1	22.3	288.0	1081
1483 016	37 x 1	23.9	355.2	1227
1483 017	48 x 1	26.5	460.8	1460
1483 018	61 x 1	28.7	585.6	1708
YKSXS Foyzo-Nr 0,6/1 kV				
1483 001	7 x 1,5	14.1	100.8	453
1483 019	10 x 1,5	16.8	144.0	594
1483 020	12 x 1,5	17.2	172.8	640
1483 002	14 x 1,5	17.9	201.6	692
1483 021	16 x 1,5	18.6	230.4	747
1483 022	19 x 1,5	19.6	273.6	830
1483 023	24 x 1,5	23.0	345.6	1161
1483 024	30 x 1,5	24.1	432.0	1294
1483 025	37 x 1,5	25.6	532.8	1473
1483 026	48 x 1,5	28.8	691.2	1791
1483 027	61 x 1,5	31.1	878.4	2104
YKSXS Foyzo-Nr 0,6/1 kV				
1483 003	7 x 2,5	15.2	168.0	554
1483 005	10 x 2,5	18.3	240.0	736

Product No.	Number of conductors x conductor cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm ²	mm	kg/km	kg/km
YKSXS Foyzo-Nr 0,6/1 kV				
1483 004	12 x 2,5	18.8	288.0	800
1483 028	14 x 2,5	19.8	336.0	887
1483 029	16 x 2,5	21.3	384.0	1099
1483 006	19 x 2,5	22.2	456.0	1205
1483 007	24 x 2,5	25.3	576.0	1470
1483 030	30 x 2,5	26.5	720.0	1667
1483 031	37 x 2,5	28.4	888.0	1925
1483 032	48 x 2,5	32.6	1152.0	2540
YKSXS Foyzo-Nr 0,6/1 kV				
1483 033	7 x 4	16.8	268.8	704
1483 034	10 x 4	21.1	384.0	1093
1483 035	12 x 4	21.6	460.8	1183
1483 036	14 x 4	22.5	537.6	1294
1483 037	16 x 4	23.7	614.4	1434
YKSXS Foyzo-Nr 0,6/1 kV				
1483 038	7 x 6	18.3	403.2	882
1483 039	10 x 6	23.3	576.0	1376
1483 040	12 x 6	23.9	691.2	1502
1483 041	14 x 6	24.9	806.4	1650
YKSXS Foyzo-Nr 0,6/1 kV				
1483 042	7 x 10	21.6	672.0	1376
1483 043	10 x 10	26.5	960.0	1884
YKSXS Foyzo-Nr 0,6/1 kV				
1483 044	7 x 16	24.5	1075.2	1875
1483 045	10 x 16	30.5	1536.0	2619

Other cross-sections and conductor counts available on request.
TECHNOKABEL S.A. reserves the right to change specifications without prior notice.