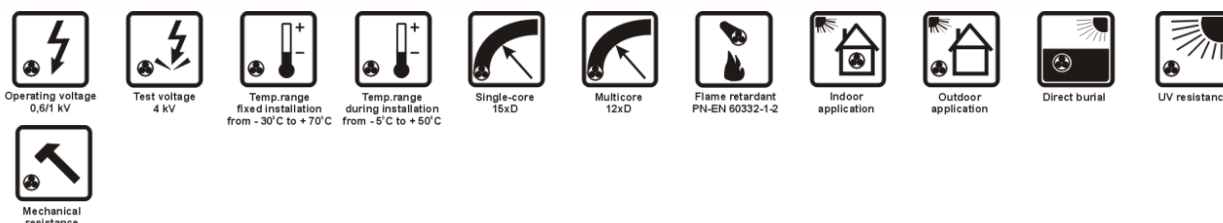
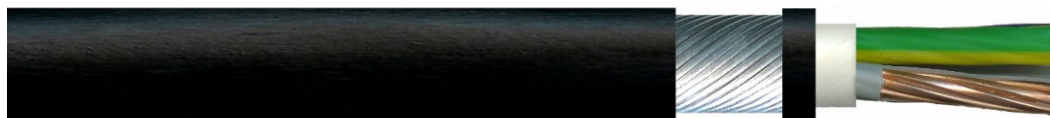


YKXS Foyzo 0,6/1 kV, YKXS Foy 0,6/1 kV**XLPE INSULATED AND SHEATHED, STEEL WIRE ARMoured AND PVC OVERSHEATHED POWER CABLES****APPLICATIONS**

YKXS Foyzo 0,6/1 kV and **YKXS Foy 0,6/1 kV** armoured power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and 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 PN-EN 60228 standard:
 - RE** - class 1 circular single-wire,
 - RM** - class 2 circular multi-wire,
 - SM** - class 2 sector shaped multi-wire.
- cross-linked polyethylene (XLPE) insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YKXS Foyzo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- galvanized steel wire armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKXS Foyzo-O 0,6/1 kV and **YKXS Foy-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.

XnKXS Foxnzo 0,6/1 kV and **XnKXS Foxn 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.

YKXS Foyzo 0,6/1 kV, YKXS Foy 0,6/1 kV

CHARACTERISTICS

Operating voltage U_0/U	0.6/1 kV	Temperature range	
Voltage test	4 kV rms	during operation	from - 30 to + 70°C
Insulation resistance, minimum	100 MΩ·km	during installation	from - 5 to + 50°C
Conductor temperature limit		Minimum bending radius	
in work conditions	+ 90°C	single wire cables	15 x cable diameter
in short-circuit	+ 250°C	multi wire cables	12 x cable diameter
		Cable combustibility	flame retardant
		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.)	DC conductor resistance at 20°C, maximum	Copper index	Cable weight (appr.)
	mm ²	mm	Ω/km	kg/km	kg/km
YKXS Foy 0,6/1 kV					
1354 011	2x1 RE	11.0	18.1	19.2	266
1354 012	2x1,5 RE	11.5	12.1	28.8	295
1354 010	2x2,5 RE	12.3	7.41	48.0	345
1354 013	2x4 RE	13.2	4.61	76.8	406
1354 014	2x6 RE	14.2	3.08	115.2	480
1354 015	2x10 RE	16.0	1.83	192.0	630
1354 016	2x16 RE	17.8	1.15	307.2	815
1354 017	2x25 RM	22.4	0.727	480.0	1316
1354 018	2x35 RM	25.2	0.524	672.0	1665
YKXS Foyzo 0,6/1 kV					
1366 006	3x1 RE	11.4	18.1	28.8	290
1366 013	3x1,5 RE	11.9	12.1	43.2	318
1366 008	3x2,5 RE	12.7	7.41	72.0	374
1366 014	3x4 RE	13.7	4.61	115.2	450
1366 015	3x6 RE	14.8	3.08	172.8	546
1366 011	3x10 RE	16.7	1.83	288.0	729
1366 016	3x16 RE	18.7	1.15	460.8	969
1366 001	3x25 RM	23.8	0.727	720.0	1573
1366 017	3x35 RM	26.8	0.524	1008.0	2009
1366 018	3x50 SM	27.3	0.387	1440.0	2533
1366 019	3x70 SM	32.2	0.268	2016.0	3246
1366 020	3x95 SM	35.9	0.193	2736.0	4251
1366 021	3x120 SM	40.3	0.153	3456.0	5324
1366 022	3x150 SM	44.7	0.124	4320.0	6526
1366 023	3x185 SM	50.5	0.0991	5328.0	8396
1366 024	3x240 SM	55.9	0.0754	6912.0	10481
YKXS Foyzo 0,6/1 kV					
1366 025	4x1 RE	12.0	18.1	38.4	319
1366 026	4x1,5 RE	12.6	12.1	57.6	358
1366 009	4x2,5 RE	13.5	7.41	96.0	425
1366 010	4x4 RE	14.6	4.61	153.6	516

Product No.	Number of conductors x conductor cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, maximum	Copper index	Cable weight (appr.)
	mm ²	mm	Ω/km	kg/km	kg/km
1366 027	4x6 RE	16.0	3.08	230.4	645
1366 028	4x10 RE	17.9	1.83	384.0	860
1366 029	4x16 RE	21.0	1.15	614.4	1306
1366 012	4x25 RM	25.7	0.727	960.0	1874
1366 030	4x35 RM	29.0	0.524	1344.0	2427
1366 031	4x50 SM	30.4	0.387	1920.0	3274
1366 032	4x70 SM	35.1	0.268	2688.0	3966
1366 033	4x95 SM	40.3	0.193	3648.0	5567
1366 034	4x120 SM	44.5	0.153	4608.0	6613
1366 035	4x150 SM	49.1	0.124	5760.0	8041
1366 036	4x185 SM	55.8	0.0991	7104.0	10432
1366 037	4x240 SM	61.3	0.0754	9216.0	12943
YKXS Foyzo 0,6/1 kV					
1366 038	5x1 RE	12.6	18.1	48.0	351
1366 007	5x1,5 RE	13.3	12.1	72.0	397
1366 039	5x2,5 RE	14.3	7.41	120.0	474
1366 040	5x4 RE	15.8	4.61	192.0	601
1366 041	5x6 RE	17.1	3.08	288.0	736
1366 003	5x10 RE	19.5	1.83	480.0	1015
1366 004	5x16 RE	22.6	1.15	768.0	1515
1366 042	5x25 RM	28.1	0.727	1200.0	2219
1366 043	5x35 RM	32.2	0.524	1680.0	3042
1366 044	5x50 SM	33.6	0.387	2400.0	3937
1366 045	5x70 SM	38.8	0.268	3360.0	4779
1366 046	5x95 SM	44.4	0.193	4560.0	6719
1366 047	5x120 SM	48.7	0.153	5760.0	7911
1366 048	5x150 SM	55.2	0.124	7200.0	10257
1366 049	5x185 SM	61.1	0.0991	8880.0	12444
1366 050	5x240 SM	68.5	0.0754	11520.0	16369

Other cross-sections and conductor counts available on request.

TECHNOKABEL S.A. reserves the right to change specifications without prior notice.