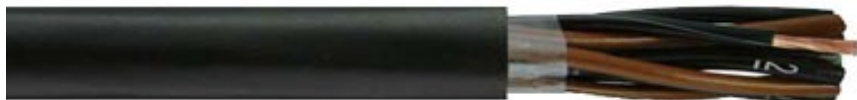


TECHNOKONTROL YnKSLY-P 0,6/1 kV
TECHNOKONTROL YnKSLY-P-Nr 0,6/1 kV**CONTROL AND POWER SUPPLY FLEXIBLE CABLES****APPLICATIONS**

TECHNOKONTROL YnKSLY-P 0,6/1 kV and **TECHNOKONTROL YnKSLY-P-Nr 0,6/1 kV** are multipair flexible, flame retardant cables designed for control, protection and monitoring systems or power supply, all in power engineering.

The cable sheath is then made of special self-extinguishing PVC of high oxygen index and pass combustibility test according to PN-EN 60332-3 standard.

Paired structure decreases mutual influence between signals transmitted along the cable and reduces influence of outer sources of interference.

The cables are designed to offer high flexibility combined with tensile strength.

The cables are suitable for indoor installations connecting fixed and movable equipment.

Cable outer sheath is oil-resistant.

CONSTRUCTION

- flexible, multiwire conductors, stranded of bare annealed copper wires (tin-plated on request), meeting requirements of class 5 per PN-EN 60228,
- PVC insulation - identification colour code according to PN-92/T-90321 (compatible with IEC 60189-2) in **TECHNOKONTROL YnKSLY-P 0,6/1 kV** cable; black and brown PVC insulation and white pair numbers printed on it for identification in **TECHNOKONTROL YnKSLY-P-Nr 0,6/1 kV** cable,
- insulated conductors twisted into pairs,
- pairs laid-up in layers into a cable core,
- cable core wrapped in polyester tape,
- black (RAL 9005) special self-extinguishing PVC cable sheath, other colours also available.

AVAILABLE UPON REQUEST

TECHNOKONTROL YnKSLY-P-O 0,6/1 kV and **TECHNOKONTROL YnKSLY-P-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.

TECHNOKONTROL YnvKSLY-P 0,6/1 kV and **TECHNOKONTROL YnvKSLY-P-Nr 0,6/1 kV** - cables with enhanced PVC sheath, suitable for outdoor installation and direct earth burial.

TECHNOKONTROL HKSLH-P 0,6/1 kV and **TECHNOKONTROL HKSLH-P-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.

TECHNOKONTROL YnKSLY-P 0,6/1 kV **TECHNOKONTROL YnKSLY-P-Nr 0,6/1 kV**

CHARACTERISTICS

Conductor cross-section	mm ²	0.5	0.75	1.0	1.5	2.5
DC loop resistance at 20°C, maximum	Ω/km	78.0	52.0	39.0	26.6	16.0

Operating voltage U _o /U	0.6/1 kV	Operating temperature range	
Voltage test	3.5 kV rms	for fixed installation	from - 30 to + 80°C
Insulation resistance, minimum	20 MΩ·km	for movable installation	from - 5 to + 70°C
Conductor temperature limit		Minimum bending radius	7.5 x cable diameter
in work conditions	+ 70°C	Cable combustibility	flame retardant
at short-circuit	+ 160°C	Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2 PN-EN 60332-3-24, IEC 60332-3-24 (cat. C)
		Reference standards	WT-TK-17

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

Product No.	Number of pairs (x 2) x conductor cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm ²	mm	kg/km	kg/km
1087 003	2 x 2 x 0,5	9.0	19.2	82
1087 016	3 x 2 x 0,5	9.6	28.8	95
1087 004	4 x 2 x 0,5	10.7	38.4	122
1087 017	5 x 2 x 0,5	11.8	48.0	145
1087 018	6 x 2 x 0,5	13.1	57.6	175
1087 019	7 x 2 x 0,5	13.1	67.2	193
1087 010	8 x 2 x 0,5	13.9	76.8	215
1087 020	10 x 2 x 0,5	16.0	96.0	269
1087 011	12 x 2 x 0,5	16.8	115.2	309
1087 002	14 x 2 x 0,5	17.9	134.4	351
1087 021	16 x 2 x 0,5	19.4	153.6	413
1087 022	18 x 2 x 0,5	20.4	172.8	455
1087 012	20 x 2 x 0,5	21.4	192.0	497
1087 013	24 x 2 x 0,5	23.5	230.4	604
1087 009	2 x 2 x 0,75	9.7	28.8	96
1087 023	3 x 2 x 0,75	10.4	43.2	118
1087 024	4 x 2 x 0,75	11.5	57.6	146
1087 025	5 x 2 x 0,75	12.8	72.0	181
1087 026	7 x 2 x 0,75	14.0	100.8	233
1087 027	10 x 2 x 0,75	17.2	144.0	327
1087 028	12 x 2 x 0,75	18.0	172.8	376
1087 029	14 x 2 x 0,75	19.7	201.6	449
1087 030	16 x 2 x 0,75	20.8	230.4	503
1087 031	18 x 2 x 0,75	21.9	259.2	556
1087 007	2 x 2 x 1,0	10.5	38.4	119
1087 032	3 x 2 x 1,0	11.1	57.6	138

Product No.	Number of pairs (x 2) x conductor cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm ²	mm	kg/km	kg/km
1087 005	4 x 2 x 1,0	12.4	76.8	178
1087 006	5 x 2 x 1,0	13.7	96.0	214
1087 033	7 x 2 x 1,0	15.1	134.4	285
1087 034	10 x 2 x 1,0	18.3	192.0	389
1087 035	12 x 2 x 1,0	19.6	230.4	470
1087 036	14 x 2 x 1,0	21.0	268.8	537
1087 014	16 x 2 x 1,0	22.2	307.2	602
1087 037	18 x 2 x 1,0	23.8	345.6	690
1087 038	2 x 2 x 1,5	11.4	57.6	148
1087 039	3 x 2 x 1,5	12.3	86.4	180
1087 040	4 x 2 x 1,5	13.5	115.2	224
1087 041	5 x 2 x 1,5	15.1	144.0	278
1087 042	7 x 2 x 1,5	16.5	201.6	363
1087 043	10 x 2 x 1,5	20.5	288.0	520
1087 001	12 x 2 x 1,5	21.4	345.6	602
1087 044	14 x 2 x 1,5	23.3	403.2	712
1087 015	16 x 2 x 1,5	24.7	460.8	797
1087 045	2 x 2 x 2,5	13.0	96.0	201
1087 046	3 x 2 x 2,5	13.8	144.0	241
1087 047	4 x 2 x 2,5	15.5	192.0	312
1087 048	5 x 2 x 2,5	17.1	240.0	377
1087 049	7 x 2 x 2,5	19.1	336.0	517
1087 050	10 x 2 x 2,5	23.6	480.0	737
1087 051	12 x 2 x 2,5	24.7	576.0	853
1087 052	14 x 2 x 2,5	26.5	672.0	978
1087 053	16 x 2 x 2,5	28.1	768.0	1102

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