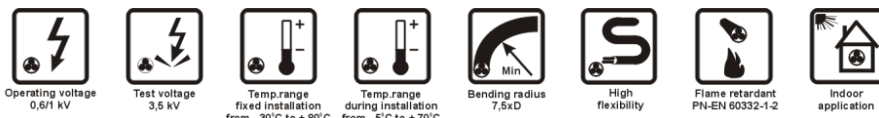


TECHNOKONTROL YKSLY-Nr 0,6/1 kV
TECHNOKONTROL YKSLYżo-Nr 0,6/1 kV**CONTROL AND POWER SUPPLY FLEXIBLE CABLES****APPLICATIONS**

TECHNOKONTROL YKSLY-Nr 0,6/1 kV and **TECHNOKONTROL YKSLYżo-Nr 0,6/1 kV** are flexible cables intended for control, protection and monitoring systems or power supply, all in power engineering. The cables are also intended for wiring industrial plants, such as production lines, air-conditioning equipment etc.

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,
- black PVC insulation and white conductor numbers printed on it for identification,
- insulated conductors laid-up in layers, green-yellow protective conductor located in the outer layer in **TECHNOKONTROL YKSLYżo-Nr 0,6/1 kV** cable,
- cable core wrapped in polyester tape,
- black (RAL 9005) PVC cable sheath, other colours also available.

AVAILABLE UPON REQUEST

TECHNOKONTROL YKSLY-Nr-O 0,6/1 kV and **TECHNOKONTROL YKSLYżo-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 YnKSLY-Nr 0,6/1 kV and **TECHNOKONTROL YnKSLYżo-Nr 0,6/1 kV** - cables of reduced combustibility, sheathed with special self-extinguishing PVC of high oxygen index and pass combustibility test according to PN-EN 60332-3 standard.

TECHNOKONTROL HKSLH-NR 0,6/1 kV and **TECHNOKONTROL HKSLHżo-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 YvKSLY-Nr 0,6/1 kV and **TECHNOKONTROL YvKSLYżo-Nr 0,6/1 kV** - cables with enhanced PVC sheath, suitable for outdoor installation and direct earth burial.

TECHNOKONTROL YKSLY-Nr 0,6/1 kV TECHNOKONTROL YKSLYżo-Nr 0,6/1 kV

CHARACTERISTICS

Conductor cross-section	mm ²	0.5	0.75	1.0	1.5	2.5	4.0
DC conductor resistance at 20°C, maximum	Ω/km	39.0	26.0	19.5	13.3	7.98	4.95
Conductor cross-section	mm ²	6.0	10	16	25	35	50
DC conductor resistance at 20°C, maximum	Ω/km	3.30	1.91	1.21	0.780	0.554	0.386

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
		Reference standards	WT-TK-15

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
0287 003	2 x 0,75	6.4	14.4	49
0287 051	3 x 0,75	6.8	21.6	62
0287 004	4 x 0,75	7.4	28.8	76
0287 075	5 x 0,75	8.0	36.0	94
0287 044	6 x 0,75	8.7	43.2	112
0287 050	7 x 0,75	8.7	50.4	116
0287 052	8 x 0,75	9.4	57.6	135
0287 037	10 x 0,75	11.2	72.0	165
0287 039	12 x 0,75	11.6	86.4	190
0287 056	14 x 0,75	12.4	100.8	222
0287 053	16 x 0,75	13.1	115.2	252
0287 071	20 x 0,75	14.7	144.0	320
0287 076	21 x 0,75	14.7	151.2	324
0287 077	25 x 0,75	16.6	180.0	390
0287 078	32 x 0,75	17.9	230.4	472
0287 038	37 x 0,75	19.0	266.4	541
0287 079	40 x 0,75	19.7	288.0	584
0287 080	42 x 0,75	20.4	302.4	625
0287 081	50 x 0,75	22.2	360.0	723
0287 082	56 x 0,75	23.3	403.2	808
0287 083	61 x 0,75	24.0	439.2	866
0287 084	65 x 0,75	24.7	468.0	921
0287 085	75 x 0,75	26.7	540.0	1044
0287 086	80 x 0,75	27.3	576.0	1104
0287 087	100 x 0,75	30.0	720.0	1368
0287 005	2 x 1,0	6.8	19.2	56
0287 006	3 x 1,0	7.2	28.8	72
0287 007	4 x 1,0	7.8	38.4	89
0287 008	5 x 1,0	8.5	48.0	110
0287 059	6 x 1,0	9.3	57.6	131
0287 028	7 x 1,0	9.3	67.2	137
0287 029	8 x 1,0	10.2	76.8	165

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
0287 009	10 x 1,0	12.2	96.0	203
0287 045	12 x 1,0	12.5	115.2	232
0287 010	14 x 1,0	13.2	134.4	264
0287 041	16 x 1,0	13.9	153.6	300
0287 013	20 x 1,0	15.6	192.0	381
0287 074	21 x 1,0	15.6	201.6	387
0287 068	25 x 1,0	17.7	240.0	466
0287 088	32 x 1,0	19.5	307.2	588
0287 089	37 x 1,0	20.2	355.2	650
0287 090	40 x 1,0	21.0	384.0	703
0287 091	42 x 1,0	21.8	403.2	753
0287 092	50 x 1,0	24.2	480.0	897
0287 093	56 x 1,0	24.9	537.6	974
0287 094	61 x 1,0	25.6	585.6	1045
0287 095	65 x 1,0	26.4	624.0	1112
0287 096	75 x 1,0	28.5	720.0	1263
0287 097	80 x 1,0	29.1	768.0	1337
0287 098	100 x 1,0	32.3	960.0	1677
0287 015	2 x 1,5	7.3	28.8	68
0287 016	3 x 1,5	7.7	43.2	89
0287 017	4 x 1,5	8.5	57.6	111
0287 018	5 x 1,5	9.3	72.0	139
0287 069	6 x 1,5	10.3	86.4	171
0287 019	7 x 1,5	10.3	100.8	180
0287 043	8 x 1,5	11.1	115.2	210
0287 034	10 x 1,5	13.2	144.0	257
0287 020	12 x 1,5	13.7	172.8	297
0287 021	14 x 1,5	14.6	201.6	346
0287 099	16 x 1,5	15.4	230.4	393
0287 049	20 x 1,5	17.0	288.0	491
0287 100	21 x 1,5	17.0	302.4	499
0287 065	25 x 1,5	19.8	360.0	621

TECHNOKONTROL YKSLY-Nr 0,6/1 kV **TECHNOKONTROL YKSLYżo-Nr 0,6/1 kV**

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
0287 066	32 x 1,5	21.3	460.8	758
0287 055	37 x 1,5	22.1	532.8	843
0287 101	40 x 1,5	23.4	576.0	936
0287 102	42 x 1,5	24.2	604.8	999
0287 103	50 x 1,5	26.4	720.0	1160
0287 104	56 x 1,5	27.2	806.4	1264
0287 105	61 x 1,5	28.0	878.4	1360
0287 106	65 x 1,5	28.9	936.0	1448
0287 107	75 x 1,5	31.4	1080.0	1663
0287 108	80 x 1,5	32.1	1152.0	1763
0287 109	100 x 1,5	35.5	1440.0	2192
0287 024	2 x 2,5	8.2	48.0	89
0287 025	3 x 2,5	8.7	72.0	119
0287 026	4 x 2,5	9.5	96.0	149
0287 027	5 x 2,5	10.6	120.0	193
0287 110	6 x 2,5	11.6	144.0	231
0287 030	7 x 2,5	11.6	168.0	246
0287 070	8 x 2,5	12.7	192.0	293
0287 040	10 x 2,5	15.2	240.0	359
0287 072	12 x 2,5	15.7	288.0	417
0287 033	14 x 2,5	16.5	336.0	476
0287 111	16 x 2,5	17.4	384.0	542
0287 112	20 x 2,5	19.7	480.0	698
0287 113	21 x 2,5	19.7	504.0	712
0287 114	25 x 2,5	22.4	600.0	857
0287 115	32 x 2,5	24.6	768.0	1078
0287 116	37 x 2,5	25.5	888.0	1201
0287 117	40 x 2,5	26.5	960.0	1300
0287 118	42 x 2,5	27.5	1008.0	1387
0287 119	50 x 2,5	30.0	1200.0	1616
0287 120	56 x 2,5	31.0	1344.0	1768
0287 121	61 x 2,5	32.1	1464.0	1921
0287 122	65 x 2,5	33.1	1560.0	2047
0287 123	75 x 2,5	35.8	1800.0	2333
0287 124	80 x 2,5	36.6	1920.0	2475

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
0287 125	100 x 2,5	40.7	2400.0	3107
0287 073	2 x 4,0	9.6	76.8	127
0287 031	3 x 4,0	10.4	115.2	177
0287 126	4 x 4,0	11.4	153.6	225
0287 127	5 x 4,0	12.7	192.0	289
0287 128	7 x 4,0	13.8	268.8	372
0287 032	3 x 6,0	11.6	172.8	238
0287 129	4 x 6,0	12.9	230.4	311
0287 130	5 x 6,0	14.4	288.0	400
0287 131	7 x 6,0	15.8	403.2	518
0287 132	3 x 10,0	14.6	288.0	396
0287 133	4 x 10,0	16.0	384.0	509
0287 134	5 x 10,0	17.7	480.0	644
0287 135	7 x 10,0	19.8	672.0	864
0287 136	3 x 16,0	16.9	460.8	580
0287 137	4 x 16,0	19.1	614.4	772
0287 138	5 x 16,0	21.0	768.0	976
0287 139	7 x 16,0	23.4	1075.2	1309
0287 140	3 x 25,0	20.7	720.0	872
0287 141	4 x 25,0	23.3	960.0	1155
0287 142	5 x 25,0	25.7	1200.0	1463
0287 143	3 x 35,0	23.6	1008.0	1176
0287 144	4 x 35,0	26.0	1344.0	1528
0287 145	5 x 35,0	28.8	1680.0	1938
0287 146	3 x 50,0	28.9	1440.0	1691
0287 147	4 x 50,0	32.2	1920.0	2222
0287 148	5 x 50,0	35.7	2400.0	2830

Other cross-sections and conductor counts available on request.

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