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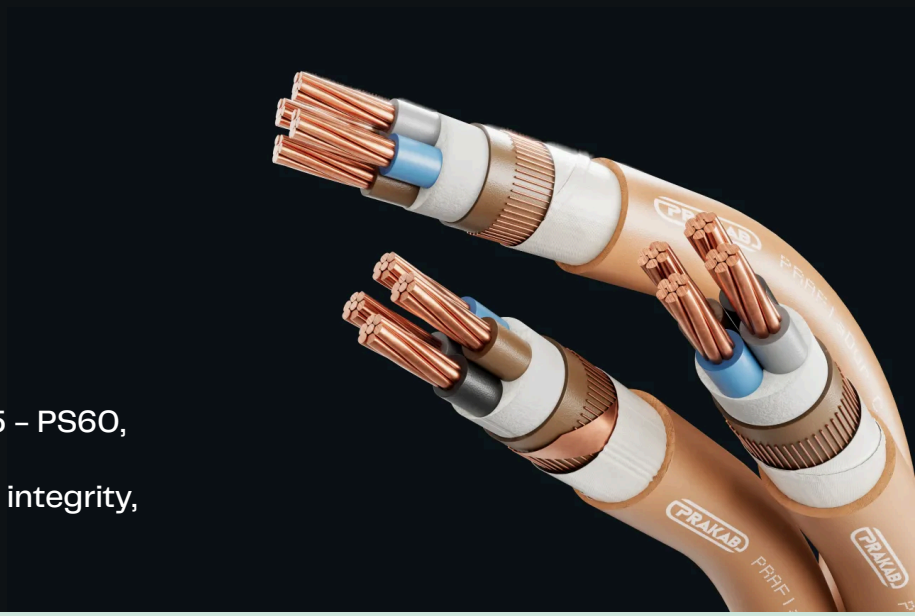

SAFETY CABLES

PRAFlaDur C

1-CSKCH-V180 P15-R – P60-R, PS15 – PS60, P(750)90-R B2ca s1d1a1
SiR/FRNC energy cables, with circuit integrity, screened, UV-resistant

TECHNICAL DATA

Standard
ČSN 34 7660-100, TP PRAKAB 01/21

Certificate
EZÚ Czech Republic
TSÚS Slovakia

Test Voltage
core/core 4 kV / 50 Hz

Rated Voltage
0,6/1 kV

Bending radius (min.)
12 x Ø of cable (multicore)
15 x Ø of cable (singlecore)

Fire properties
ČSN EN 60332-1-2: self-extinguishing
ČSN EN 60754-2: halogen-free, non-corrosive combustion gases
ČSN EN 61034-2: low smoke emission
ČSN EN 60332-3-22: reduced flame propagation
ČSN 73 0895, STN 92 0205: circuit integrity
ČSN EN 13501-6: fire classification

Core identification
ČSN 33 0166 ed. 2
ČSN EN 50334

Temperature range
Laying temperature: min. -5°C
Operating temperature: -40°C up to 60°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 250°C

DESIGN

1. Copper conductor, round solid (RE) resp. round stranded (RM)
2. Core insulation (silicone rubber)
3. Inner covering (halogen-free filling compound)
4. Concentric screen (bare copper wires), counter helix (copper tape) and halogen-free plastic tape
5. Sheath (halogen-free polymer compound, brown)

Number of cores x nominal cross-section / cross-section of screen (mm²)	Max. conductor resistance (Ω/km)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
3 x 1.5 RE / 1.5	12.1	24	13.7	242
4 x 1.5 RE / 1.5	12.1	24	14.6	279
5 x 1.5 RE / 1.5	12.1	24	15.4	310
7 x 1.5 RE / 2.5	12.1	16	16.3	374
3 x 2.5 RE / 2.5	7.41	32	14.7	303
4 x 2.5 RE	7.41	32	15.5	342
5 x 2.5 Re	7.41	32	16.4	386
7 x 2.5 RE	7.41	21	17.6	466
3 x 4 RE / 4	4.61	42	17.9	451
4 x 4 RE / 4	4.61	42	18.3	480
5 x 4 RE / 4	4.61	42	19.5	544
7 x 4 RE / 4	4.61	27	21.0	667
3 x 6 RE / 6	3.08	53	18.4	521
4 x 6 RE / 6	3.08	53	19.5	601
5 x 6 RE / 6	3.08	53	21.0	698
3 x 10 RE / 10	1.83	73	21.0	737
4 x 10 RE / 10	1.83	73	22.3	858
5 x 10 RE / 10	1.83	73	24.1	1007
3 x 16 RM / 16	1.15	98	23.7	1043
4 x 16 RM / 16	1.15	98	25.3	1227
5 x 16 RM / 16	1.15	98	27.4	1447
3 x 25 RM / 16	0.727	133	27.6	1454
4 x 25 RM / 16	0.727	133	29.8	1751
5 x 25 RM / 16	0.727	133	34.3	2245
3 x 35 RM / 16	0.524	162	31.8	1961
4 x 35 RM / 16	0.524	162	34.5	2373
5 x 35 RM / 16	0.524	162	37.2	2810
3 x 50 RM / 25	0.387	197	35.8	2594
4 x 50 RM / 25	0.387	197	38.6	3129
5 x 50 RM / 25	0.387	197	42.3	3739
3 x 70 RM / 35	0.268	250	41.0	3482
4 x 70 RM / 35	0.268	250	44.2	4201
5 x 70 RM / 35	0.268	250	48.2	5030
3 x 95 RM / 50	0.193	308	45.5	4587
4 x 95 RM / 50	0.193	308	49.5	5600
5 x 95 RM / 50	0.193	308	54.2	6726
3 x 120 RM / 70	0.153	359	48.6	5636
4 x 120 / 70	0.153	359	53.1	6890
5 x 120 / 70	0.153	359	58.9	8393
3 x 150 RM / 70	0.124	412	53.1	6738
4 x 150 RM / 70	0.124	412	58.8	8397
5 x 150 RM / 70	0.124	412	64.5	10092
3 x 185 RM / 95	0.099	475	59.7	8569
4 x 185 RM / 95	0.099	475	65.1	10477

Number of cores x nominal cross-section / cross-section of screen (mm²)	Max. conductor resistance (Ω/km)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
3 x 240 RM / 120	0.075	564	66.1	10896
4 x 240 RM / 120	0.075	564	72.3	13368

CONTACT PERSON

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