We Make Modern Life Possible

SAFETY CABLES WITH CIRCUIT INTEGRITY

PRAFlaDur+ T

1-CSKH-V180 P15-R - P60-R, PH120-R, P75090-R, PS15 - PS60, B2ca s1a d1 a1 SiR/FRNC energy cables, with circuit integrity, UV resistant, Water 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
CPR Classification: B2ca s1a d1 a1

Core identification
ČSN 33 0166 ed. 2
ČSN EN 50334

Temperature range
Laying temperature: min. -5°C
Operating temperature: -50°C up to 60°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 250°C

DESIGN

1. Copper conductor, round fine stranded (RF)
2. Core insulation (Silicone rubber)
3. Inner covering (halogen-free filling compound)
4. Sheath (halogen-free polymer compound, brown, UV resistant, Water resistant)

Number of cores x nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Current rating in the earth (A)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 1.5 RF	13.3	45	29	10.5	151
3 x 1.5 RF	13.3	39	24	11.1	171
4 x 1.5 RF	13.3	39	24	12.0	198
5 x 1.5 RF	13.3	39	24	13.2	235
3 x 2.5 RF	7.98	51	32	12.3	222
4 x 2.5 RF	7.98	51	32	13.3	261
5 x 2.5 RF	7.98	51	32	14.4	303
3 x 4 RF	4.95	66	42	14.2	314
4 x 4 RF	4.95	66	42	15.4	373
5 x 4 RF	4.95	66	42	16.8	438
3 x 6 RF	3.3	82	53	14.7	340
4 x 6 RF	3.3	82	53	15.9	411
5 x 6 RF	3.3	82	53	19.2	590
4 x 10 RF	1.91	110	74	20.3	732
5 x 10 RF	1.91	110	74	22.4	890
4 x 16 RF	1.21	142	98	22.9	1017
5 x 16 RF	1.21	142	98	26.3	1310

CONTACT PERSON

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