We Make Modern Life Possible.

SAFETY CABLES

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

Cables are designed for fixed distribution of electricity in buildings with a high concentration of people to protect them and protect the technical equipment of buildings in the event of fire, where there is no requirement to maintain the functionality of the cable installation in fire. In case of fire, the cable releases a small amount of heat and smoke. The cables are resistant to UV radiation and water AD1-AD7.



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

Technical changes reserved. All figures are therefore without guarantee.



CONTACT PERSON

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