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Life Possible

SAFETY CABLES

JE-H(St)H...Bd FE180/ E30 red, Fire alarm cable

Fire alarm cable, with insulation integrity
FE180 and circuit integrity E30, screened



TECHNICAL DATA



Standard
adapted to DIN VDE 0815



Rated Voltage
max. 225 Vss



Test Voltage
2000 Veff (core/screen)



Bending radius (min.)
7,5 x Ø der Leitung



Core identification
DIN VDE 0815



Fire properties
DIN 4102-12: circuit integrity E30



Temperature range
Laying temperature: min. -5°C

DESIGN



Electrical Parameters

Conductor diameter	mm	0.8
Loop resistance max	Ω/km	73.2
Insulation resistance, min. at 20 °C	MΩ/km	100
Mutual capacitance (approx. value), at 800 Hz	nF/km	144
Mutual capacitance, max.	nF/km	120
Capacitance unbalance, max. k	pF/500m	200
Capacitance unbalance at 800 Hz, k1 max.	pF/km	400

Number of cores x nominal cross-section (mm²)	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
1 x 2 x 0,8	7.1	61	500 T, 1000 T
2 x 2 x 0,8	7.5	65	500 T, 1000 T
4 x 2 x 0,8	9.5	104	500 T, 1000 T
8 x 2 x 0,8	11.5	165	500 T, 1000 T
12 x 2 x 0,8	13.0	235	500 T, 1000 T
16 x 2 x 0,8	15.0	300	500 T, 1000 T
20 x 2 x 0,8	16.5	361	500 T, 1000 T
52 x 2 x 0,8	27.6	906	500 T, 1000 T
32 x 2 x 0,8	20.5	554	500 T, 1000 T

CONTACT PERSON

Dogan Özcan, MSc
 Head of Technical Department
 +43 (0) 1 70170-154
dogan.oezcan@skw.at

