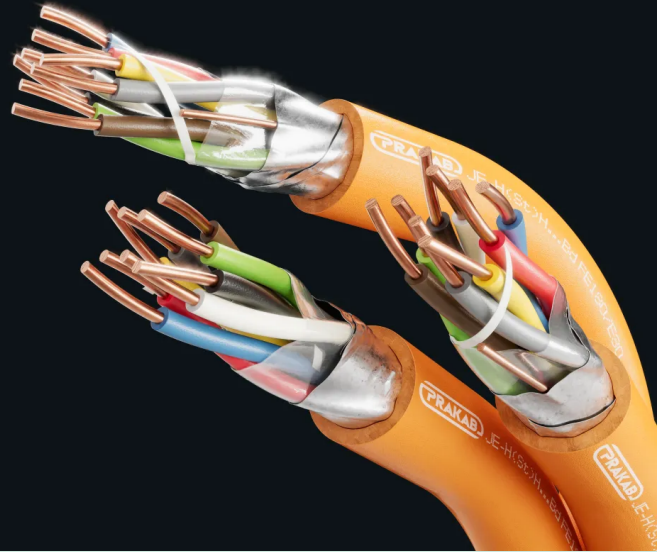


SAFETY CABLES

JE-H(St)H...Bd FE180/E30

halogen-free installation control cable with
insulation integrity and circuit integrity,
screened



TECHNICAL DATA



Standard
adapted to DIN VDE 0815



Certificate
VDE Germany



Test Voltage
core/core 500 V / 50 Hz
core/screen 2000 V / 50 Hz



Rated Voltage
max. 225 Vss



Bending radius (min.)
7,5 x Ø of cable



Fire properties
EN 60332-1-2: self-extinguishing
EN 60754-2: halogen-free, non-corrosive
combustion gases
EN 61034-2: low smoke emission
EN 60332-3-22: reduced flame propagation
IEC 60331-23: insulation integrity FE180
DIN 4102-12: circuit integrity E30



Core identification
DIN VDE 0815



Temperature range
Laying temperature: min. -5°C
Operating temperature: -30°C up to 70°C

DESIGN



Copper conductor, round solid (RE)



Core insulation (silicone rubber), cores pair stranded,
marking with green thread



Inner covering (plastic tape)



Screen (plastic laminated aluminium tape with drain wire)



Sheath (halogen-free polymer compound, orange or red)

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

Number of pairs x nominal diameter	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 2 x 0.8	7.9	84
4 x 2 x 0.8	11.1	138



System / System Manufacturer	System identification	Classification	Range	Distance (a) / Width (b) / Load (g)	AbP number	AbP part no.
Normtrag	Kabelleiter	E30	n x 2 x ≥ 0.8	a ≤ 1200 mm b = 400 mm g ≤ 20 kg/m	P-MPA-E-09-016	15-1
Normtrag	Kabelrinne	E30	n x 2 x ≥ 0.8	a ≤ 1200 mm b = 300 mm g ≤ 10 kg/m	P-MPA-E-09-016	15-2
Normtrag	Einzelsschelle	E30	n x 2 x ≥ 0.8	a ≤ 300 mm	P-MPA-E-09-016	15-3
Normtrag	Bügleschelle m. Langwanne	E30	n x 2 x ≥ 0.8	a ≤ 600 mm	P-MPA-E-09-016	15-4
Niedax	RLVC 60.400	E30	n x 2 x ≥ 0.8	≤ 1500 mm b = 400 mm g ≤ 30 kg/m	ABP_P-1016-DMT-DO	II
LANZ	G-Kanal 50x100	E30	n x 2 x ≥ 0.8	wire dia. 4 mm g ≤ 10 kg/m	ABP_P-1016-DMT-DO	IV

CONTACT PERSON

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