We Make Modern Life Possible.



HALOGEN-FREE CONTROL AND ELECTRONIC CABLES

L-H(St)H EIB

Motor power supply cable for EIB-Bus, halogen-free, screened

For installation on and under plaster in dry, damp and wet locations, as a BUS cable (EIB installation bus) and as a measuring and control cable in power installations.

TECHNICAL DATA

Standard
adapted to DIN VDE 0815

Test Voltage
800 Veff (core/core) / 50 Hz
4000 Veff (core/screen) / 50 Hz

Rated Voltage
max. 300 Vss

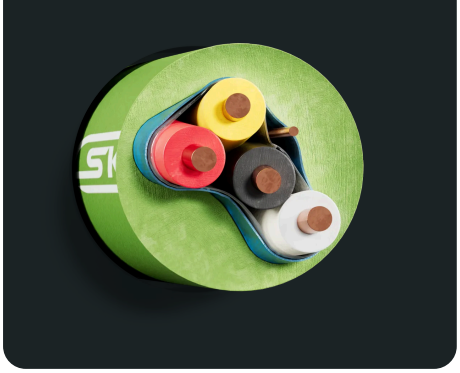
Bending radius (min.)
7.5 x Ø of cable

Fire properties
EN 60332-1-2: flame retardant and self-extinguishing
EN 60754-1 and 2: halogen-free; non-corrosive combustion gases
CPR classification: Eca

Core identification
1st. circuite: red (a), black (b) 2nd. circuite: white (a), yelow (b)

Temperature range
Laying temperature: min. -5°C
Fixed installation: -30°C up to 70°C
Flexible use: -5°C up to 50°C

DESIGN



1. Copper conductor, round solid (RE)
2. Core insulation (halogen-free polymer compound), cores stranded to star quads
3. Taping (halogen-free plastic foil)
4. Screen (plastic laminated aluminium tape with drain wire)
5. Sheath (PVC grey RAL 7035 or green RAL 6018)

Electrical Parameters		
Conductor diameter	mm	0.8
Conductor resistance, max. at 20 °C	Ω/km	73.2
Insulation resistance, min. at 20 °C	MΩ/km	100
Mutual capacitance (approx. value), at 800 Hz	nF/km	100
Capacitance unbalance at 800 Hz, k1 max.	pF/km	200

Number of cores x nominal cross-section	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
2 x 2	0.8	60	1000 SP

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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