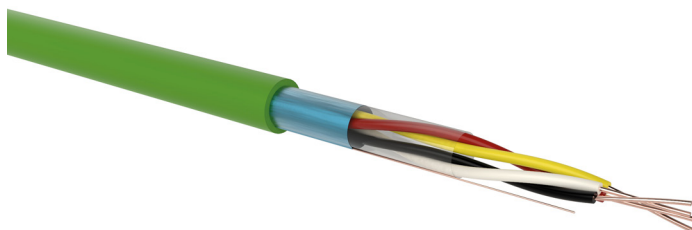


L-H(St)H EIB

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

DESIGN



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

APPLICATION

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



Operating voltage:
max. 300 V_{ss}



Test voltage:
800 V_{eff} (core/core) / 50 Hz
4000 V_{eff} (core/screen) / 50 Hz



Temperature range:
laying temperature: min. -5 °C
fixed: -30 °C up to 70 °C
moved: -5 °C up to 50 °C



Bending radius (min.):
7.5 x Ø of cable



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



Fire properties:
EN 60332-1-2: flame retardant
EN 60754-1 and 2: halogen-free; non-corrosive combustion gases
CPR classification: E_{ca}

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, max. at 800 Hz	(nF/km)	100
Capacitance unbalance K, max. at 800 Hz	(pF/100m)	200

Number of pairs x nominal diameter (mm)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
L-H(St)H EIB			
2 x 2 x 0.8	7.0	60	1000 Sp

Technical changes reserved. All figures are therefore without guarantee.

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