



We Make Modern
Life Possible

L-H(St)H EIB

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



TECHNICAL DATA



Standard
adapted to DIN VDE 0815



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



Rated Voltage
max. 300 V_{ss}



Bending radius (min.)
7.5 x Ø of cable



Fire properties
EN 60332-1-2: flame retardant
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), yellow (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



Copper conductor, round solid (RE)



Core insulation (halogen-free polymer compound), cores stranded to star quads



Taping (halogen-free plastic foil)



Screen (plastic laminated aluminium tape with drain wire)



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

CONTACT PERSON

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

