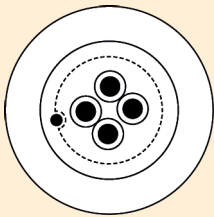


EIB-BUSLEITUNG halogenfree HCHM

with static screen

RoHS

CROSS SECTION



according to DIN VDE 0815

USE

Due to the increased test voltage and the marking, this cable is particularly suitable for the transmission of BUS signals in building system technology. Especially for the European installation bus (EIB). The EIB BUS line is operated by EIBA under the NR. 1/39/92 certified and meets the requirements on bus cables in DIN VDE 0829 and pr EN 5009-2. EIB BUS pipes HCHM can be installed on, in and under plaster, in pipes and installation ducts, in dry, damp and wet rooms and outdoors, provided that they are protected from direct sunlight. == References====External links== touch them. For the EIB installation bus, only one pair of wires (rt/ws) is required, via which the 24V bus voltage and the data telegrams are transmitted together. The second pair of wires serves as a reserve or for special purposes.

CONSTRUCTION

Conductor	Jacket Color: Copper, Blank, Single-Wire Verseile Element: Star Four, Pairs In Layers Stranded Common Wire Coating: Plastic Film Tensile loads: according to the provisions of DIN VDE 0298 Part 3
Wire	insulationIsolation from halogen-free mixture; Identification of the a-vein: the 1st pair red, the 2nd pair white Marking of the b-vein: the 1st pair black, the 2nd pair yellow
Side wire	copper blank, single-wire
Outer	ScreenPlastic laminated aluminum foil jacketCoat-free mixture

TECHNICAL DATA

Rated	voltage 250 V
test voltage	4 KV
Conductor	resistance 73.2 ohms/km
Insulation	resistance min. 100 Mohm x km
Operating	capacityat 800 Hz max. 100 nF/km
Operating	temperature-40°C to +70°C
Capacite. Coupling	at 800 Hz 300pF/100 m
min. installation temperature	+5°C
max. laying temperature	+70°C

SPECIAL FEATURES

Properties
halogenfrei

Mantelfarbe
green

Item NameCu	weightExpans	(mm)	Wt.(kg/km)	Article	number
EIB Busleitung halogenfrei 2x2x0,8 HCHM	21,0	7,0	54	2141001	