30017798

DATA SHEET

valid from: 2021-09-01

J-H(ST)H...BD Fire Alarm Cable



Application

J-H(ST)H...BD Fire Alarm Cable is a Fire Alarm Cable especially used for installation in fire alarm systems. This halogen-free, flame-retardant installation cable with static screen is suitable for fixed installation on and under plaster, in dry and damp rooms.

Design

Design acc. to DIN VDE 0815, table 7

Type J-H(ST)H...BD

Outer sheath Colour of the sheath: flame red (RAL 3000)

Electrical properties at 20 °C

Loop resistancemax. 73.2 Ω /kmInsulation resistancemin. 100 M Ω /km

Mutual capacitance max. 100 nF/km (at 800 Hz)

Inductance ca. 0.65 mH/km

Capacitive coupling max. 200 pF/100 m (at 800 Hz)

Maximum operating voltage 300 V (not for power applications)

Must not be connected to the mains supply voltage.

Test voltage C/C: 800 V

C/S: 800 V

Mechanical and thermal properties

Minimum bending radius fixed installation: 6 x outer diameter

Temperature range occasional flexing: -5 °C up to +50 °C max. conductor temperature

fixed installation: -30 °C up to +70 °C max. conductor temperature

Flammability flame retardant acc. to EN 60332-1-2 resp. IEC 60332-1-2

Tests acc. to DIN VDE 0815, Type J-H(ST)H...BD

Electrical properties acc. to table 13 Tests at the cable acc. to table 21

General requirements These cables are conform to

EU-Directive 2014/35/EU (Low Voltage Directive) and to

EU-Directive 2011/65/EU (RoHS, Restriction of the use of certain

hazardous substances).

Environmental information These cables meet the substance-specific requirements of the EU Directive 2011/65/EU (RoHS).

Note Trade product, no Lapp product