

CONNECTION CABLE CC15

AECS/CC15

Description

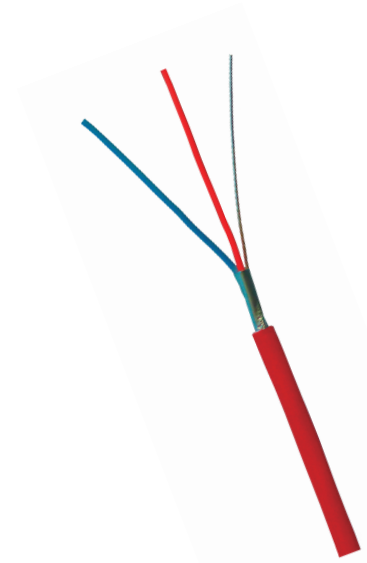
Fire alarm cable type JE-H ((St) H ... Bd FE180 E30-E90

Halogen-free, with improved fire performance

Maximum operating voltage 225 V AC

The E30-E90 * circuit integrity requirement according to DIN 4102-12 allows an operating voltage of up to 110 V AC,

* the integrity of the system operation depends on the installation method .



TECHNICAL CHARACTERISTICS

Operating temperature:	-30 ° C... +70 ° C (fixed installation) -5 ° C... +50 ° C (during installation)
Cable outer diameter:	5.5 mm
Copper conductor:	Cu, 0.8 mm Ø, according to VDE 0815
Number of conductors:	2 with additional drain wire
Insulation:	Flame retardant, special high-performance ceramic compound of cross-linked polymer according to EN 50290-2-26
Conductor color:	According to VDE 0815
Shielding:	Aluminum tape with Ø 0.8 mm tinned copper drain wire
Outer sheath:	Flame resistant HM2 polyolefin blend conforming to VDE 0819 part107, EN 50290-2-27 and VDE 0250-214, FRNC / L50H
Separator:	PEPT tape
Cover Color:	Red
Weight:	40 kg / km
Bend radius:	≥ 45mm (during installation) ≥ 15 mm (fixed installation)

ELECTRICAL CHARACTERISTICS

Insulation resistance:	Min. 100 MO x km
Loop resistance:	Max. 76.2 W / km
Captaincy:	Max. 120 nF / km, at 800 Hz, asymmetric
Capacitive coupling:	Max. 200 pF / 100 m, at 800 Hz
Rated voltage:	Max. 225 V
Test voltage:	500 V, 50 Hz, conductor / conductor 2000 V, 50 Hz, driver / shield

STANDARDS CONFORMITY

Halogen-free:	IEC 60754-1 / -2, EN 50267-2-1 / -2-2, VDE 0482-267-2-1 / -2-2, AREI-RGIE Art. 104-SA
Non-propagation of flame:	IEC 60332-1 / -2, EN 60332-1-2, VDE 0482-332-1-2, AREI-RGIE Art. 104-F1
Non-propagation of fire:	IEC 60332-3-22 / -24 Cat. A/C, EN 60332-3-22 / -24 Cat. A/C, VDE 0482-332-3-22 / -24 Cat. A/C, AREI-RGIE Art. 104-F2
Low smoke emission:	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2, AREI-RGIE art 104-SD
Fire resistance:	IEC 60331-11 / -21 (180 Minuten), VDE 0472 Teil 814 (FE180), IEC 60331-2, EN 50200, VDE 0482-200, AREI-RGIE Art. 104-FR1
Circuit integrity conservation:	DIN 4102 Teil 12, NBN 713-020, AREI-RGIE Art. 104-FR2