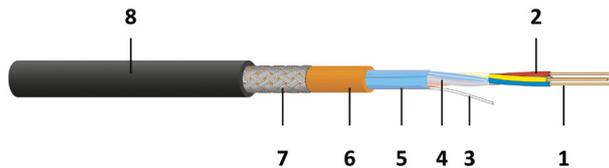


JE-H(St)HRH...Bd FE180 E30-E90 fire alarm, black

Fire alarm cable with steel wire braiding, max. 225V, Keram

halogen-free, with improved fire characteristics,
with reference to VDE 0815,
circuit integrity (FE180) in accordance with VDE 0472-814, IEC 60331, EN 50200,
System Circuit Integrity E30-E90* in accordance with DIN 4102-12



- 1 Conductor: solid
- 2 Insulation: cross-linked polymer, halogen-free
- 3 Drain wire: copper, Ø 0.8 mm
- 4 Inner covering: plastic tape, halogen-free
- 5 Shielding: Al-laminated plastic foil, halogen-free
- 6 Inner sheath: FRNC/LSOH
- 7 Armoring: galvanised steel wire band
- 8 Sheath: FRNC/LSOH



Descrizione

Cables with intrinsic fire resistance are installed in all areas that require special protection of people and equipment against fire and fire damages and where strict security requirements must be fulfilled. Suitable for indoor and outdoor applications. The steel wire braiding serves as mechanical protection. The fire alarm cables correspond to the demands of System Circuit Integrity E30-E90* in accordance with DIN 4102-12. System Circuit Integrity is guaranteed at an operating voltage up to 110V. Permitted operating temperature at conductor of +70°C.

Costruzione

Conduttore	Bare copper, solid, 0.8 mm diameter, VDE 0815
Isolamento	Fire-resistant, cross-linked, high-performance Keram special compound, EN 50290-2-36
Colori delle anime	VDE 0815
Shielding	Al-laminated tape with copper drain wire Ø 0.8 mm
Guaina interna	Flame retardant polyolefin compound, VDE 0819-107, EN 50290-2-27 and VDE 0250-214 "HM2"
Armatura (protezione per roditori)	Galvanised steel wire braid
Materiale della guaina esterna	Flame retardant polyolefin compound VDE 0819-107, EN 50290-2-27 and VDE 0250-214 "HM 2"

Proprietà generali

Integrità del circuito	E90
Integrità dell'isolamento	FE 180
Installation temperature	-5 °C - +50 °C
Operating temperature	-30 °C - +70 °C

Proprietà elettriche

Capacitive coupling 0,8 mm, 100m @ 800Hz	200 pF/km
Minimum insulation resistance	100 MΩ x km
operating capacity, 1km @ 800Hz	120 nF/km
peak voltage	225 V
resistenza massima del loop 0,8 mm	73,2 Ω/km
Test voltage 50Hz, core/core	500 V
Test voltage 50Hz, core/screen	2.000 V

Proprietà meccaniche

Curvatura minima durante l'installazione (multicore)	7.5 x D
Minimum bending radius permanent (multi core)	7.5 x D
Resistenza minima allo schiacciamento / 10cm	1.000 N

Standards

Integrità del circuito	IEC 60331-11/-21 (180 minutes), VDE 0472-814 (FE180), BS 6387 C/W/Z, IEC 60331-1 (120 minutes), IEC 60331-2 (120 minutes), EN 50200 (PH120 minutes), VDE 0482-200 (PH120), AREI-RGIE Art.104-FR1
Integrità del circuito di sistema	DIN 4102-12, AREI-RGIE Art.104-FR2
Densità del fumo	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2, AREI-RGIE Art.104-SD
Zero alogeni nessun gas corrosivo	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2, AREI-RGIE Art.104-SA
Propagazione della fiamma	AREI-RGIE Art.104-F1, EN 60332-1-2, IEC 60332-1-2, VDE 0482-332-1-2
Flame spread	IEC 60332-3-22/-24, EN 60332-3-22/-24, VDE 0482-332-3-22/-24, AREI-RGIE Art.104-F2

Nota

System Circuit Integrity dependent on installation method.

Versioni

Codice art.	Prodotto	Colore della guaina esterna	Diametro esterno della guaina [mm]	Tasso di CU [kg/km]	Weight [kg/km]	Fire load [kWh/m]	Unità di imballaggio	GTIN / EAN
192443	JE-H(ST)HRH...Bd FE180 E30-E90 fire alarm 1x2x0,8 mm	nero	8,6	15	100		al metro	40393910067514
191071	JE-H(ST)HRH...Bd FE180 E30-E90 fire alarm 2x2x0,8 mm	nero	9,3	25	125	0,26	al metro	40393910069945
191554	JE-H(ST)HRH...Bd FE180 E30-E90 fire alarm 4x2x0,8 mm	nero	12	45	191	0,39	al metro	40393910069211
194070	JE-H(ST)HRH...Bd FE180 E30-E90 fire alarm 8x2x0,8 mm	nero	18,2	85	419	0,93	al metro	40393910064759
196354	JE-H(ST)HRH...Bd FE180 E30-E90 fire alarm 12x2x0,8 mm	nero	19,1	126	490	1,01	al metro	40393910061192
191070	JE-H(ST)HRH...Bd FE180 E30-E90 fire alarm 16x2x0,8 mm	nero	20,5	166	557	1,17	al metro	40393910069952
196265	JE-H(ST)HRH...Bd FE180 E30-E90 fire alarm 20x2x0,8 mm	nero	22,3	206	680	1,32	al metro	40393910061536

Codice art.	Prodotto	Colore della guaina esterna	Diametro esterno della guaina [mm]	Tasso di CU [kg/km]	Weight [kg/km]	Fire load [kWh/m]	Unità di imballaggio	GTIN / EAN
196347	JE-H(St)HRH...Bd FE180 E30-E90 fire alarm 32x2x0,8 mm	nero	26,7	326	912	1,72	al metro	40393910061222

Additional dimensions available on request.

Con riserva di modifiche tecniche

A partire da 2023-12-20 11:17:06