

JB-H(St)H E30-E90



prihláška

Statically shielded installation cable for telecommunication purposes. Static shielding provides strong interference immunity by impulse. Suitable for permanent installation everywhere, where high concentration of valuable assets must be protected from damage to people and materials in case of fire, e.g. industrial installations, power plants, municipal installations, hotels, airports, metro, hospitals.

Cables are halogen-free, have low smoke gas development, no fire propagation and insulation retention in the event of fire for 180 minutes in accordance with VDE 0472 T. 814. In addition, the cable has been tested for functional integrity in accordance with DIN 4102 Part 12 (E 30, E 90) for all standard carrying systems (Cable troughs and ladders, ceiling installation) and is therefore suitable for use in fire alarm systems, systems for alarming and issuing instructions to people, safety lighting and other backup lighting in accordance with VDE 0108.

štandardy

in accordance with DIN VDE 0266 VDE 0266:2000-03, DIN 4102-12:1998-11, DIN EN IEC 60332-3-24 VDE 0482-332-3-24:2019-05, DIN EN 61034-1 VDE 0482-1034-1:2021-02, DIN EN 60754-1 VDE 0482-754-1:2021-02

CE = Product is in accordance with the EU Directive 2014/35/EU.

Application

Everywhere, where in case of fire human life and material assets are to be protected and safety consciousness take a special significance. Suitable for fixed installation in dry and moist rooms, in, above, on and beneath plaster as well as in masonry walls and in concrete. These cables are suitable for outdoor applications and in underground by using in conduits or tubes. Additionally valid also DIN VDE 0298 part 1 and 2. For the installation in conduit all precautions must be taken that no accumulation of water can occur in the pipes.

The cables are halogen-free, have low smoke gas development, no fire propagation and insulation retention in the event of fire for 180 minutes in accordance with VDE 0472 part 814. In addition, the cable has been tested for functional integrity in accordance with DIN 4102 Part 12 (E 90) for all standard carrying systems (Cable troughs and ladders, ceiling installation) and is therefore suitable for use in fire alarm systems, systems for alarming and issuing instructions to people, safety lighting and other backup lighting in accordance with VDE 0108.

Standards

adapted to DIN VDE 0815 & FE 180: Insulation integrity to DIN
VDE 0472 part 814 IEC 60331 & E 30-E90: Functionality to DIN
4102 part 12.

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

nastavenia

vnútorný vodič	Medený vodič, holý pevný drôt Ø 0,8 mm
izolácia jadra	bezhalogénová polymérová zmes HI 1
Základný farebný kód	podľa DIN VDE 0815
Vnútorný prvok	Drôty do párov, každý po 4 páry na vytvorenie zväzku, niekoľko zväzkov navlečených do vrstiev, identifikácia zväzku pomocou cievky, špeciálne pásky vyrobené z polyesteru a pás
Celkové tienenie	hliníková kompozitná fólia s drôtom
materiál vonkajšieho plášťa	bezhalogénová polymérová zmes HM2

Techn. dáta

menovité napätie	U_0/U : 0 /0 V
Menovité napätie DC DC	U_0/U : 0 /0
Skúšobné napätie	500 V
Pevný polomer ohybu (xD)	0
Pevná prevádzková teplota	-30 °C bis 70 °C
Prevádzková teplota pohyblivá	-5 °C bis 50 °C

Construction

Inner Conductor	bare copper conductor, solid 0,8 mm
Core Insulation	halogen-free, polymer HI 1
Core Color	acc. to DIN VDE 0815
Stranding Elements	cores twisted to pairs, 4 pairs consist to unit, several units stranded to layers units identified by numbered tape core wrapping with special polyester and glass-fibre tape
Overall Shielding	plastic coated alu-foil with drain wire
Outer Insulation Material	halogen-free, flame retardant to DIN VDE 0207 part 24 HM2

Technical Data

Nominal Voltage	U_0/U : 0 /0 V
Nominal Volatage DC	U_0/U : 0 /0
Test Voltage	500 V
Bending Radius fixed (xD)	0
Operating Temperature solid	-30 °C to 70 °C
Operating Temperature moving	-5 °C to 50 °C

Art. č. Prod. Nr.	rozmer Dimensions	maľovať Color	hmotnosť (kg/km) Weight (kg/km) approx.	Vonkajší priemer (mm) Outer-Diameter (mm) approx.
02604002	2x2 x 0,8	červená - red	75.0	8.8
02604001	4x2 x 0,8	červená - red	130.0	12.5
02604003	8x2 x 0,8	červená - red	300.0	19.8
02604004	12x2 x 0,8	červená - red	336.0	21.0
02604005	16x2 x 0,8	červená - red	426.0	20.1
02604006	20x2 x 0,8	červená - red	529.0	24.0