

Firefit LiHH-TP

Halogen-free control cable rated 300/500V

Technical data:

Temperature range:

Operating temperature: -40°C to 70°C

Installation temperature: -5°C to 50°C

Permissible operating temperature of the conductor:

90°C

Permissible conductors operating temperature in short-circuit:

250°C

Operating voltage: U0/U=300/500V

Test voltage: 2kV

Conductor resistance (at 20°C): acc. to PN-EN 60288 class 1

Min. bending radius: 8 x Ø

Construction:

Conductors: bare copper conductor, solid (cl.1)

acc. to PN-EN 60228

Insulation: ceramic silicone rubber

Core identification: acc. to DIN 47100

Outer sheath: special LSOH compound

Outer sheath colour: yellow

Tests:

Flame propagation test for a single insulated cables:

PN-EN 60332-1, IEC 60332-1

Test on corrosive gases emitted during burning (halogen-free):

PN-EN 50267-2, IEC 60754

Smoke density emission during burning:

PN-EN 61034-2, IEC 61034-2

Insulation resistance to long term fire exposure (FE180):

IEC 60331-23

Fire integrity function of cable installation (PH90):

PN-EN 50200

Application:

Cables designed for signalling control circuits, control circuits in industrial applications, in measurement technology and for analogue and digital signals transmission in electronic industrial and automatic control engineering systems. They are recommended for fire alarm signalling systems. Cables are suitable for fixed installations inside buildings, in dry and damp rooms.



internal application



industrial application



halogen-free



low smoke emission



PN-EN60332-1



FE180



PH90

Cat. no	n x mm ²	Outer diameter [mm]	Approx. cable weight [kg/km]	Cu [kg/km]
	1x2x1,5	6,1	65,0	28,8