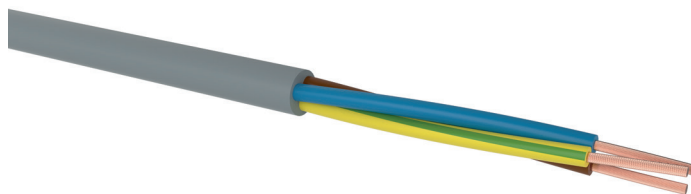


H05Z1Z1-F

FRNC control cable, unscreened

DESIGN



- 1 | Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 | Core insulation of special halogen-free, flame retardant compound (FRNC)
- 3 | Cores are stranded together with optimal lay-length
- 4 | Outer sheath of special halogen-free, flame retardant compound (FRNC), colour: grey (RAL 7001)

APPLICATION

Halogen-free and flame retardant flexible cable for appliances, devices and lamps as well as for internal wiring. Not suitable for outdoor application. Installed where fire, smoke emission and toxic fumes create a potential threat to life and equipment.

TECHNICAL DATA



Standard:
EN 50525-2-11



Rated voltage:
300/500 V (U₀/U)



Test voltage:
core / core 2000 V / 50 Hz



Temperature range:
fixed installation: -40 °C up to 70 °C
flexible use: -5 °C up to 70 °C



Bending radius (min.):
fixed installation: 3 x Ø of cable
flexible use: 4 x Ø of cable



Core identification:
colours according to CENELEC HD 308 S2



Fire properties:
EN 60332-1-2: self-extinguishing and flame retardant

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
H05Z1Z1-F			
2 x 0.75	6.2	14.4	53
4 G 1	7.0	38.4	91
5 G 1	7.6	48.0	111
3 G 1.5	8.3	43.2	110
5 G 1.5	9.9	72.0	151
3 G 2.5	10.0	72.0	167
5 G 2.5	11.0	120.0	234

Technical changes reserved. All figures are therefore without guarantee.

14.1.2022, 15:04