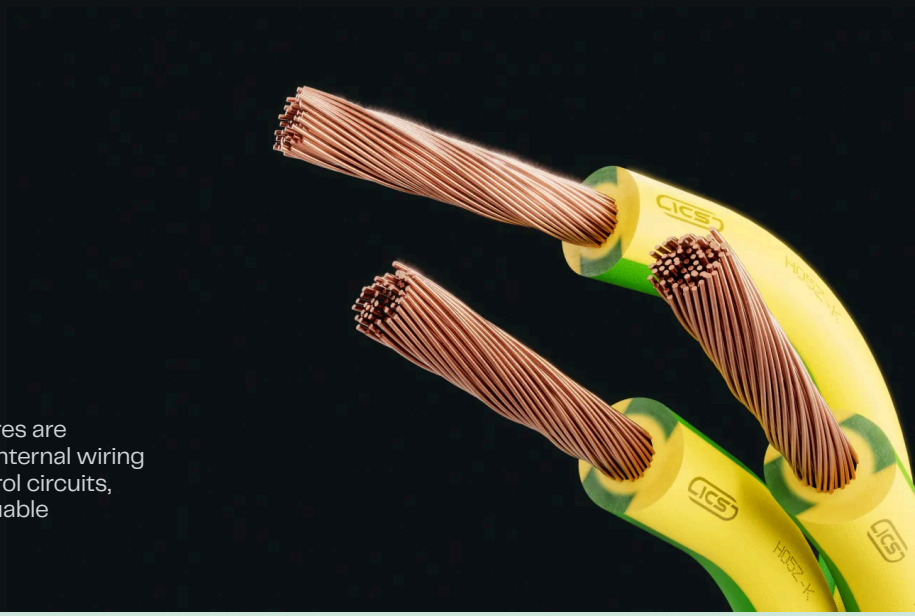
We Make Modern
Life Possible.

INSTALLATION AND HARMONISED CABLES AND WIRES

H05Z-K

XLPE insulated wire, halogen-free

These halogen-free and flame retardant single cores are intended for fixed and protected installations, for internal wiring of equipment and lightings, for signaling and control circuits, especially for the protection of human life and valuable equipment.



TECHNICAL DATA

Standard
EN 50525-3-41

Test Voltage
2000 V / 50 Hz

Rated Voltage
300/500 V (Uo/U)

Bending radius (min.)
Fixed installation: 3 x Ø of cable
Flexible use: 5 x Ø of cable

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

Core identification
According to EN 50525-1 – black, white, blue, brown, red, orange, violet, pink, green/yellow, yellow, green, grey

Temperature range
Fixed installation: -40°C up to 90°C
Flexible use: -20°C up to 90°C

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 based on cross-linked polymer (XLPE)

Number of cores x nominal cross-section (mm^2)	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
1x0,5	2.2	4.8	9
1x0,75	2.4	7.2	12
1x1	2.6	9.6	14

Technical changes reserved. All figures are therefore without guarantee.

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