

# H05Z1-K / H07Z1-K

## Halogen-free single core, for control cabinet

LSZH thermoplastic 70°C • Halogen free flame retardant, Low combustibility, Low fume level

### CONSTRUCTION :

- : Class 5 flexible annealed copper
- : LSZH thermoplastic insulation

### TECHNICAL DATA :

- : Halogen-free to protect human life acc. EN 50525-3-31
- : Temperature range up to +70°C
- : Flame retardant
- : Low combustibility
- : Low fume level

#### Voltage Rating (U<sub>o</sub>/U)

H05Z1-K - 0.75mm<sup>2</sup> to 1mm<sup>2</sup> : 300/500V

H07Z1-K - 1.5mm<sup>2</sup> to 16mm<sup>2</sup> : 450/750V

### APPLICATION RANGE :

- For wiring of lamps, devices, switchgear cabinets and distribution boxes
- For installation in tubes, on, in and under plaster as well as in closed installation ducts
- For wiring of lamps, devices, switchgear cabinets and distribution boxes



#### H05Z1-K CABLE PARAMETER

Cross-sec. area (mm <sup>2</sup> )	Nominal thickness of insulation (mm)	Outer Ø approx. mm.	Weight approx. kg/km
0.75	0.6	2.4	11
1	0.6	2.6	14

#### H07Z1-K CABLE PARAMETER

Cross-sec. area (mm <sup>2</sup> )	Nominal thickness of insulation (mm)	Outer Ø approx. mm.	Weight approx. kg/km
1.5	0.7	3.1	20
2.5	0.8	3.8	32
4	0.8	4.4	45
6	0.8	4.9	65
10	1.0	6.3	110
16	1.0	7.4	170

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