

**H05Z-K, H07Z-K 90°C**



**H05Z-K, H07Z-K 110°C**



**Info**

- Halogen-free
- Harmonised (HAR)

**Benefits**

- The insulation material is halogen-free and free of other materials which could release corrosive gases in the event of fire
- Protection of human life and the environment caused by the formation of acid in case of fire

**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
- In buildings with a high concentration of people or valuables
- For use in dry rooms

**Product features**

**H05Z-K, H07Z-K 90°C**

- Flame-retardant acc. to IEC 60332-2-2 (H05Z-K)
- Flame-retardant acc. to IEC 60332-1-2 (H07Z-K)
- Low corrosivity of the gases in case of fire
- Low smokes

**H05Z-K, H07Z-K 110°C**

- Flame-retardant acc. to IEC 60332-1-2
- No flame propagation acc. to IEC 60332-3-24
- Low corrosivity of the gases in case of fire
- Low smokes

**Technical data**

**Approvals**  
VDE 0282 part 9 / HD 22.9 S3

**Conductor stranding**  
fine wire acc. to VDE 0295 Cl.5 / IEC 60228 Cl. 5

**Rated voltage**  
H05Z-K: U<sub>0</sub>/U: 300/500V  
H07Z-K: U<sub>0</sub>/U: 450/750V

**Test voltage**  
2500 V

**Range of temperature**  
**H05Z-K, H07Z-K 90°C**  
fixed installation: -15°C to +90°C  
**H05Z-K, H07Z-K 110°C**  
fixed installation: -40°C to +110°C

**Approvals (Norm references)**



**Product Make-up**

- Strands of bare copper wires
- Halogen-free core insulation

Part number	Conductor cross-section in mm <sup>2</sup>	Outer diameter in mm approx.	m/Coil	Copper index kg/km	Weight kg/km approx.
<b>H05Z-K 90°C</b>					
4725..1	0.5	2.1	100	4.8	9.0
4725..2	0.75	2.3	100	7.2	11.0
4725..3	1	2.5	100	9.6	14.0
<b>H07Z-K 90°C</b>					
4726..1	1.5	3.2	100	14.4	20.0
4726..2	2.5	3.7	100	24.0	32.0
4726..3	4	4.2	100	38.4	45.0
4726..4	6	4.9	100	58.0	65.0
4726..5	10	6.2	100	96.0	110.0
4726..6	16	7.5	100	154.0	170.0
4726..7	25	9.3	100	240.0	270.0
4726..8	35	10.5	50	336.0	380.0
4726..9	50	12.6	50	480.0	530.0
4727..1	70	14.5		672.0	750.0
4727..2	95	16.9		912.0	1,000.0
<b>H05Z-K 90°C in one-way cardboards</b>					
4725..1K	0.5	2.1		4.8	9.0
4725..2K	0.75	2.3		7.2	11.0
4725..3K	1	2.5		9.6	14.0
<b>H07Z-K 90°C in one-way cardboards</b>					
4726..1K	1.5	3.2		14.4	20.0
4726..2K	2.5	3.7		24.0	32.0
4726..3K	4	4.2		38.0	45.0
4726..4K	6	4.9		58.0	65.0
<b>H05Z-K 110°C</b>					
4710..1	0.5	1.9	100	4.8	9.0
4710..2	0.75	2.4	100	7.2	11.0
4710..3	1	2.6	100	9.6	14.0
<b>H07Z-K 110°C</b>					
4720..1	1.5	3.5	100	14.4	20.0
4720..2	2.5	3.8	100	24.0	30.0
4720..3	4	4.4	100	38.4	45.0
4720..4	6	5.4	100	58.0	65.0
4720..5	10	6.5	100	96.0	110.0
4720..6	16	8.4	100	154.0	170.0
4720..7	25	10.2	100	240.0	290.0
4720..8	35	11.6	50	336.0	400.0
4720..9	50	13.7	50	480.0	550.0
4721..1	70	15.8		672.0	770.0
4721..2	95	18.2		912.0	1,010.0

Copper price basis: EUR 150 / 100 kg

Packaging size: Coil ≤ 30 kg, otherwise drum

Please complete the part number with the following colour code: 00=GREEN/YELLOW; 01=BLACK; 02=BLUE (approx. RAL 5015); 03=BROWN; 04=RED; 05=WHITE; 06=GREY; 07=PURPLE; 08=PINK; 09=ORANGE; 11=YELLOW (up from 1,5mm<sup>2</sup> without HAR); 12=GREEN (up from 1,5mm<sup>2</sup> without HAR); 14=DARKBLUE (approx. RAL 5010)

A few partnumber-combinations are not yet included into our assortment. For valid combinations pls. see our Index of Partnumbers.

