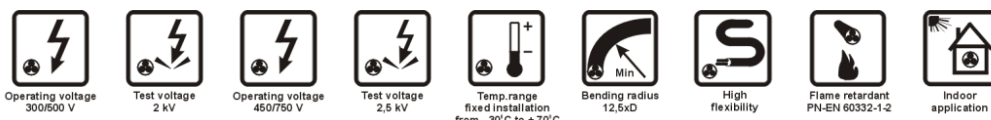


H05V-K; H07V-K

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SINGLE WIRES



APPLICATIONS

H05V-K and **H07V-K** are power flexible single wires intended for interconnection in electrical equipment. Wires can be applied in control cabinets, electronic equipment and others. They are also used in lighting devices and systems.

The wires are suitable for indoor installations.

CONSTRUCTION

- flexible, multiwire conductors, stranded of bare annealed copper wires (tin-plated on request), meeting requirements of class 5 per PN-EN 60228,
- PVC insulation - coloured according to customer's requirement.

CHARACTERISTICS

Conductor cross-section	mm ²	0.5	0.75	1.0	1.5	2.5	4.0
DC conductor resistance at 20°C, maximum	Ω/km	39.0	26.0	19.5	13.3	7.98	4.95
Conductor cross-section	mm ²	6.0	10	16	25	35	50
DC conductor resistance at 20°C, maximum	Ω/km	3.30	1.91	1.21	0.780	0.554	0.386

Operating voltage U₀/U

wires H05V-K 300/500 V
wires H07V-K 450/750 V

Operating temperature range

from - 30 to + 70°C

Minimum bending radius

12.5 x wire diameter

Wire combustibility

flame retardant

Voltage test

wires H05V-K 2000 V rms
wires H07V-K 2500 V rms

Combustibility tests

PN-EN 60332-1-2, IEC 60332-1-2

Reference standards

PN-EN-50525-2-31

CE = the wire meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductor cross-section	Wire outer diameter (appr.)	Copper index	Wire weight (appr.)
	mm ²	mm	kg/km	kg/km
H05V-K				
0015 002	1 x 0,50	2,14	4,8	9,0
0015 003	1 x 0,75	2,40	7,2	12,0
0015 001	1 x 1,00	2,54	9,6	14,5
H07V-K				
1100 004	1 x 1,50	2,88	14,4	19,0
1100 003	1 x 2,5	3,49	24,0	29,0

Product No.	Number of conductors x conductor cross-section	Wire outer diameter (appr.)	Copper index	Wire weight (appr.)
	mm ²	mm	kg/km	kg/km
1100 001	1 x 4	4,00	38,4	43,0
1100 005	1 x 6	4,57	57,6	61
1100 006	1 x 10	6,10	96,0	120,0
1100 007	1 x 16	7,20	154,0	181,0
1100 008	1 x 25	8,90	240,0	274,0
1100 009	1 x 35	10,1	336,0	380,0
1100 002	1 x 50	12,4	480,0	545,0

Other conductor cross-sections available on request.

TECHNOKABEL S.A. reserves the right to change specifications without prior notice.