



KEMP

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BG120415E, BG120415Q

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VAT Reg. BG107056159

H05V-K; H07V-K

Standard: EN 50525-2-31

Application:

For fixed installation in distributor systems,
Internal wiring of machinery and lighting systems.

Construction:

Bunched Cu conductor, class.5 acc. DIN VDE 0295, EN 60228

Insulation:

The insulation material is PVC compound and correspond to
БДС EN 50 363-3, type T11, Rp 901

Core identification colours:

black, white, grey, blue, brown, red, orange, purple,
yellow/green

Technical data:

Temperature range: -30°C to +70°C
Core temperature, max: +70°C
Min. installation temperature: -5°C

Rated voltage U₀/U:

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

Test voltage AC 50 Hz:

H05V-K 2000 V
H07V-K 2500 V

Bending radius: 10 x D

No of conductors and Nominal Cross- Sectional Area of Cores	Mean overall Dimensions	Copper weight	Cable weight	Reaction to Fire Classification
mm ²	mm	kg/km	kg/km	
H05V-K				
0,50	2,6	5	10	Eca
0,75	2,8	7	13	Eca
1,00	3	9,5	16	Eca
H07V-K				
1,5	3,5	14	23	Eca
2,5	4,2	23	36	Eca
4	4,8	36,5	52	Eca
6	6,3	57	74	Eca
10	7,6	96	131	Eca
16	8,8	151	195	Eca
25	11	235	300	Eca
35	12,5	330	410	Eca
50	14,5	475	585	Eca