



# KEMP

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BG120415E, BG120415Q

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VAT Reg. BG107056159

## H05V-U; H07V-U

**Standard:** EN 50525-2-31

**Application:**

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

**Construction:**

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

**Insulation:**

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

**Core identification colours:**

black, white, grey, blue, brown, 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 U<sub>0</sub>/U:

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

Test voltage AC 50 Hz:

H05V-U 2000 V  
H07V-U 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 <sup>2</sup>	mm	kg/km	kg/km	
<b>H05V-U</b>				
0,50	2,4	4,5	9	Eca
0,75	2,6	7,0	12	Eca
1,00	2,8	9,0	15	Eca
<b>H07V-U</b>				
1,5	3,3	13,5	21	Eca
2,5	3,9	22,0	33	Eca
4	4,4	35,0	48	Eca
6	4,6	52,0	68	Eca
10	6,4	88,0	113	Eca