H05V2-K
H07V2-K



Application

For wiring with small bending and higher requirements to the cable flexibility, in machines, devices, instruments and boards with higher operating temperature.

Technical data

- manufactured acc. to HD 21.7 S2
- rated voltage Uo/U:
  for H05V2-K - 300 / 500 V
  for H07V2-K - 450 / 750 V
- test voltage:
  for H05V2-K : 2 kV
  for H07V2-K : 2.5 kV
- maximum conductor temperature: + 90 °C
- max. conductor temperature at short circuit for 5s: +160 °C
- temperature of environment: - 25 °C up to +60 °C
- minimum temperature during installation: - 5 °C
- minimum bending radius :
  for diameters up to 10 mm : 10D
  for diameters above 10 mm : 15D (D - cable diameter)
- flame test: flame-retardant acc. to IEC 60332-1

Cable design

- copper conductors class 5 according to IEC 60228
- insulation: PVC compound type TI3 according to HD 21.1

Core identification

- yellow-green, white, black, grey, blue, brown, red or other upon request

Cross Section of conductor mm^2	Outer Diameter mm	Copper Weight kg/km	Cable Weight kg/km
H05V2-K			
0,5	2,2	4,8	10
0,75	2,4	7,2	13
1,0	2,6	9,6	15
H07V2-K			
1,5	3,0	14,4	22
2,5	3,7	24,0	35
4,0	4,2	38,4	50
6,0	4,8	57,6	71
10,0	7,0	96,0	127
16,0	7,8	153,6	187
25,0	9,7	240,0	288
35,0	10,9	336,0	384

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