H05V2-U
H07V2-U



Application

For internal wiring of electric machines and equipments with higher operating temperature.

Technical data

- manufactured acc. to EN 50525-2-31
- rated voltage Uo/U: for **H05V2-U** - 300 / 500 V; for **H07V2-U** - 450 / 750 V
- test voltage: for **H05V2-U** - 0.5 up to 1.0 mm^2 : 2 kV; for **H07V2-U** - 1.5 up to 10.0 mm^2 : 2.5 kV
- insulation resistance at 90 oC, min $1x10^{10}$ Ω.cm
- maximum conductor temperature: + 90 °C
- max. conductor temperature at short circuit for 5 s : +160 °C
- temperature of environment: - 25 °C up to +60 °C
- minimum temperature during installation: - 5 °C
- minimum bending radius for: 10D (D - cable diameter)
- flame test: flame-retardant acc. to IEC 60332-1-2
- Approval - VDE

Cable design

- copper conductors class 1 according to IEC 60228
- insulation: PVC compound type TI3 according to EN 50363-3

Core identification

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

Cross section of conductors mm2	Outer Diameter mm	Copper Weight kg/km	Cable Weight kg/km
H05V2-U			
0,5	2,1	4,8	8,8
0,75	2,2	7,2	12,0
1,0	2,4	9,6	14,0
H07V2-U			
1,5	2,9	14,4	21,0
2,5	3,5	24,0	33,0