

H07V-K

PVC INSULATED CONDUCTOR
FOR INTERNAL WIRING H07V-K



APPLICATION

PVC-insulated single cores are employed for the internal wiring of equipment and for the protected installation of conductors in lamps.
Reference Standard : EN 50525-2-31

Marking : <VDE> C E

FEATURES

Classification : Maximum conductor temperature 70°C
Rated voltage : 450/750 V
Testing voltage : 2,500 V
Conductor : Stranded bare copper conductor
Insulation : Polyvinyl chloride (PVC)
Flame retardant : IEC 60332-1

CONSTRUCTION AND PERFORMANCE



Cross section (mm ²)	Conductor (no./mm.)	Insulation thickness (mm.)	Outer diameter (mm.)	Resistance		Current rating (A.)	Weight (kg/km)	Standard length (m.)
				Con.(max) Ω/km	Insu.(min) (MΩ.km)			
1.5	30/0.26	0.7	3.0	13.30	0.01	21	20	100/C
2.5	50/0.26	0.8	3.7	7.98	0.009	28	30	100/C
4	56/0.31	0.8	4.2	4.95	0.007	38	48	100/C
6	84/0.31	0.8	4.9	3.30	0.006	49	68	100/C
10	80/0.403	1.0	6.3	1.91	0.0056	72	118	100/C
16	126/0.403	1.0	7.6	1.21	0.0046	100	185	100/C

Class of conductor

- 1 : Solid
- 2 : Strand
- C = Packing in coil
- D = Packing in drum



Restriction of Hazardous Substances



Registration Evaluation and Authorization of Chemicals



Verband Deutscher Elektrotechniker



Conformite Europeene



Flameability Resistance



Cable Standard