



H05V-K

APPLICATION

Flexible insulated conductor for wiring within electrical devices, lighting fixtures, switching- and distribution boxes, i.e. as bridge junction. Laid in dry areas, in closed electrical-installation conduits only for signaling and control circuits. Not suitable for direct application under plaster.

CONSTRUCTION

Conductors: Cu, class 5 according to EN 60228
 Insulation: PVC compound, type TI 1 according to EN 50353-3
 Color: Acc. to EN 50525-1: black, blue, brown, gray, orange, pink, red, turquoise, violet, white and green-yellow

TECHNICAL CHARACTERISTICS

Voltage rating (U₀/U): 300/500 V
 Testing voltage: 2,0 kV
 Max. working temperature: 70°C
 Min. Laying teperature: -5°C
 Ambient temp. range: -35°C do 35°C
 Max. short-circuit temperature: 160°C
 Min. bending radius: 8D
 CPR classification: Eca

STANDARD

EN 50525-2-31, IEC 60227

CERTIFICATION



NOMINAL CROSS-SECTION	MAX. RESISTANCE AT 20°C	CURRENT CAPACITY IN AIR AT 30°C	INSULATION THICKNESS	OUTER DIAM. (APPROX.)	METAL WEIGHT	CABLE WEIGHT (APPROX.)
mm ²	Ω/km	A	mm	mm	kg/km	kg/km
1x0,5	39,0	-	0,6	2,3	4,8	9,7
1x0,75	26,0	15	0,6	2,5	7,2	12,7
1x1,0	19,5	19	0,6	2,7	9,6	15,7

