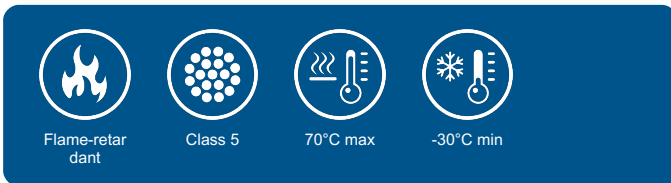




H07V-K (RK)



H07V-K is a PVC-insulated flexible conductor designed for a wide range of electrical installations. It is commonly used as a connection wire in electrical cabinets and switchgear, as well as for motors and other electrical equipment.

Its flexible design ensures easy handling and installation, even in confined spaces or complex wiring layouts. The PVC insulation provides solid mechanical strength and durability, making H05V-K a reliable choice for standard applications.

Offering reliability, ease of installation, and cost efficiency, this conductor is widely used in both industrial and commercial environments.

STANDARDS

Conductor

IEC 60228 Class 5

Flame retardant

EN 50575:2014+A1:2016

IEC 60332-1-2

Construction

EN 50525-2-31

APPROVAL



CONSTRUCTION

Bending radius - Final mount fixed

4 xOD

Color

Acc. to EN 50525-1

Conductor

Class 5

Insulation

PVC

Labeling example

AMO H07V-K S

PROPERTIES

Conductor temperature

70 °C

CPR class

Eca

Max temperature

70 °C

Min. temperature

-30 °C

AC Voltage rating U_0/U

450/750V



| Name | Cross section [mm ²] | Outer diameter [mm] | Installation Current in open air, ambient temperature 30°C [A] | Total weight [kg/km] |
|------------|----------------------------------|---------------------|--|----------------------|
| H07V-K 1,5 | 1.5 | 2.9 | 22 | 19 |
| H07V-K 2,5 | 2.5 | 3.6 | 32 | 30 |
| H07V-K 4 | 4 | 3.8 | 42 | 46 |
| H07V-K 6 | 6 | 4.7 | 54 | 58 |
| H07V-K 10 | 10 | 6 | 73 | 109 |
| H07V-K 16 | 16 | 7 | 98 | 160 |
| H07V-K 25 | 25 | 8.6 | 129 | 245 |
| H07V-K 35 | 35 | 9.9 | 158 | 337 |
| H07V-K 50 | 50 | 11.5 | 198 | 475 |
| H07V-K 70 | 70 | 14 | 245 | 675 |
| H07V-K 95 | 95 | 15.5 | 292 | 881 |

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