

## H07V-R



### Properties:

|                     |               |
|---------------------|---------------|
| Temperature range   | -30 to +70 °C |
| Voltage Rating Uo/U | 450/750V      |

### Standards:

|                 |                         |
|-----------------|-------------------------|
| Construction    | EN 50525-2-31           |
| Conductor       | IEC 60228,2             |
| Flame retardant | EN 50575:2014 + A1:2016 |
| Flame retardant | IEC 60332-1-2           |

### Applications:

H05V-R/H07V-R is a 70°C PVC insulated stranded conductor. Suitable for fixed installation. To be installed in conduit or duct systems, or as connection wire to be used in switch cabinets and similar applications.

CPR-class

Eca

### Construction

|  |                                |
|--|--------------------------------|
| Conductor                                  | Bare or tinned stranded copper |
| Insulation                                 | PVC                            |
| Minimum bending radius, fixed installation | 4xOD                           |
| Colour                                     | According to EN 50525-1        |

| Type Code | Cross-section<br>[mm] | Nominal Outer Diameter<br>[mm] | Current rating, installation in open<br>air, ambient 30°C<br>[A] | Total weight<br>[kg/km] |
|-----------|-----------------------|--------------------------------|--|-------------------------|
| H07V-R    | 1,5                   | 3,0                            | 24   | 21                      |
| H07V-R    | 2,5                   | 3,6                            | 32   | 32                      |
| H07V-R    | 4                     | 4,1                            | 42   | 46                      |
| H07V-R    | 6                     | 4,7                            | 54   | 68                      |
| H07V-R    | 10                    | 6,1                            | 73   | 109                     |
| H07V-R    | 16                    | 7,0                            | 98   | 163                     |
| H07V-R    | 25                    | 8,6                            | 129  | 259                     |
| H07V-R    | 35                    | 9,8                            | 158  | 344                     |
| H07V-R    | 50                    | 11,5                           | 198  | 483                     |
| H07V-R    | 70                    | 13,5                           | 245  | 674                     |
| H07V-R    | 95                    | 15,8                           | 292  | 924                     |
| H07V-R    | 120                   | 17,4                           | 344  | 1154                    |
| H07V-R    | 150                   | 18,1                           | 391  | 1499                    |
| H07V-R    | 185                   | 21,5                           | 448  | 1824                    |



| Type Code | Cross-section<br>[mm] | Nominal Outer Diameter<br>[mm] | Current rating, installation in open<br>air, ambient 30°C<br>[A] | Total weight<br>[kg/km] |
|-----------|-----------------------|--------------------------------|--|-------------------------|
| H07V-R    | 240                   | 24,5                           | 528  | 2363                    |

