

H05V-K 300/500 V - Single core nonsheathed cables with flexible conductors



Application

Indoor application, household appliances, fix installation in ducts.

Global data

Standard EN 50525-2-31
Type designation H05V-K

Design features

Conductor Stranded copper conductor IEC 60228 Cl.5
Insulation PVC insulation
Available colours Black, blue, brown, grey, orange, pink, red, turquoise, purple, white, green, yellow, yellow-green (green and yellow colours as S07V-K)
Marking H05V-K 1 x 2,5 300/500 V black

Electrical parameters

Rated voltage 300/500 V
Test voltage (AC) 2 kV

Chemical parameters

Performance against fire EN 60332-1
Lead Free Yes

Thermal parameters

Max. operating temperature of conductor 70 °C
Max. operating temperature of the conductor 90 °C
Max. operating temperature of conductor at short-circuit 160 °C
Minimum installation temperature -5 °C

| Number of cores x cross section | Outer diameter nom. mm | Weight (approx.) kg/km | Conductor DC resistance at 20°C Ω/km | CPR fire class | CPR DoP-Code | Delivery length m |
|---------------------------------|---------------------------|---------------------------|---|----------------|--------------|----------------------|
| 1x0,5 | 2.2 | 9 | 39 | Eca | 1001838 | 200 |
| 1x0,75 | 2.4 | 12 | 26 | Eca | 1001838 | 200 |
| 1x1 | 2.5 | 14 | 19.5 | Eca | 1001838 | 200 |