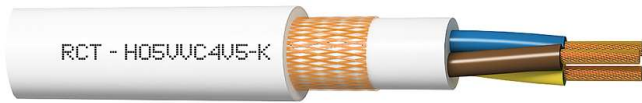


Cables Instrumentation and control

H05VVC4V5-K 300/500 V



Description

H05VVC4V5-K cables are suitable for permanent installations where electromagnetic protection is required to avoid parasitic currents. They are useful in applications for the control and command of inverters, solenoid valves, machine and logic controller start-up, power switches, as well as temperature, current or voltage regulation in motorised valves. Their high versatility makes them suitable for complex and highly difficult installations.

Reference Standards: UNE 21031-13 and HD 21.13S1

Applications

Suitable for the following installations:

- Data communication systems
- Control and signal in electronics
- Computer systems
- Weighing equipment, etc.

Technical Characteristics

| | |
|---------------------|--|
| 1. Conductor | Flexible electrolytic copper (Class V) in compliance with UNE-EN 60228, EN 60228 and IEC 60228 |
| 2. Insulation | PVC type A in compliance with UNE 21031-13 and HD 21.13S1 |
| 2. Armour bedding | PVC type ST-1 in compliance with UNE 21031-13 and HD 21.13S1 |
| 4. Metallic armour | Copper braid on polyester sheet |
| 5. Sheath | PVC with nitrile rubber additive, TM-5 type resistant to oils in compliance with UNE 21031-13 and HD 21.13S1 |
| Nominal voltage | 300/500 V |
| Test voltage | 2.000 V A.C. |
| Maximum temperature | 70 °C |

Other characteristics

White casing RAL 9010 and grey casing RAL 7000

Colours according to UNE 21089 and HD 303S2 (colour marking when less than five conductors) and UNE-EN 50334 y EN 50334 (inscription marking when more than five conductors)

Non-flame propagating according to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2

Insulation and casing in low hydrochloric acid (HCL) emission PVC

Dimensions

| Section (mm ²) | Resistance at 20 °C (Ohm/km) | External Diameter (mm) | Weight (kg/km) |
|----------------------------|------------------------------|------------------------|----------------|
| 2x0,5 | 39 | 8,00 | 90 |
| 2x0,75 | 26 | 8,20 | 97 |
| 2x1 | 19,5 | 8,40 | 104 |
| 3x0,5 | 39 | 8,40 | 102 |
| 3x0,75 | 26 | 8,50 | 108 |
| 3x1 | 19,5 | 9,00 | 123 |
| 4x0,5 | 39 | 8,75 | 112 |
| 4x0,75 | 26 | 9,30 | 129 |
| 4x1 | 19,5 | 9,80 | 147 |
| 5x0,5 | 39 | 9,80 | 137 |
| 5x0,75 | 26 | 10,20 | 154 |
| 5x1 | 19,5 | 10,70 | 174 |
| 6x0,5 | 39 | 10,40 | 153 |
| 6x0,75 | 26 | 11,00 | 176 |
| 6x1 | 19,5 | 11,60 | 201 |
| 7x0,5 | 39 | 11,50 | 190 |
| 7x0,75 | 26 | 12,10 | 217 |
| 7x1 | 19,5 | 12,60 | 243 |
| 12x0,5 | 39 | 13,80 | 273 |
| 12x0,75 | 26 | 14,30 | 306 |
| 12x1 | 19,5 | 15,30 | 361 |