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INSTALLATION AND HARMONISED CABLES AND WIRES

S07V3V3C4V3-F

PVC control cable, cold resistant, screened

For medium mechanical stress in dry, damp and wet rooms as well as outdoors. Also for fixed installation on plaster or on machine parts. The cable is used if there are requirements for the noise immunity of the signal transmission (EMC). The outer jacket is oil, UV and ozone resistant.

TECHNICAL DATA

Test Voltage
2500 V / 50 Hz

Rated Voltage
450/750 V (Uo/U)

Bending radius (min.)
Fixed installation: 5 x Ø of cable
Flexible use: 10 x Ø of cable

Fire properties
EN 60332-1-2: self-extinguishing and flame retardant

Core identification
Colours according to CENELEC HD 308 S2

Temperature range
Conductor temperature: max. 70°C
Fixed installation: -40°C up to 70°C
Flexible use: -25°C up to 70°C

DESIGN



1. Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
2. Core insulation of special cold resistant compound based on polyvinyl chloride (PVC)
3. Cores are stranded together with optimal lay-length
4. Inner sheath of special cold resistant compound based on polyvinyl chloride (PVC)
5. Tinned copper wire braiding
6. Outer sheath of special cold resistant compound based on polyvinyl chloride (PVC), colour: black (RAL 9005)

Number of cores x nominal cross-section (mm^2)	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
4 G 35	34.0	1575	2250
4 G 50	41.6	2160	3314

Technical changes reserved. All figures are therefore without guarantee.



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