

DESIGN

Conductor

Flexible Bare Copper, Class 5

Insulation

PVC Compound Type T11

APPLICATIONS

For fixed laying on bare walls or steel structures, in pipes or ducts, or in signal and control panels, switchgear etc.

Installation in surface-mounted or embedded conduits, or similar closed systems. Suitable for fixed protected installation in, lighting and control gear for voltages up to and including 1000 V a.c. or up to 750 V d.c. to earth.

CHARACTERISTICS

Nominal Voltage U₀/U	450/750 V
Maximum Voltage U_m	1 kV
Surface Operating Temperature	Fixed installation: -30°C up to +70°C
Flame Behavior	Flame retardant according to EN 60332-1-2
Bending Radius	4 x Outer Diameter
Max. temperature in case of short circuit	160°C on the conductor (max. 5 seconds)
Standards	EN50525-2-31, HD21.3, EN50363, IEC/EN 60332-1-2 IEC/EN 60228

DIMENSIONS

Section	Max. Diameter of Conductor Wire	Insulation Thickness	Outer Diameter	Max. Cond. Resist. At 20°C	Weight
(mm ²)	(mm)	(mm)	(mm)	(Ohms/Km)	(Kg/Km)
1x4.0	0.31	0.8	4.1	4.95	45
1x6.0	0.31	0.8	4.7	3.3	65

** The product and information presented in this document are for calculation only and subject to technical progress.

Outer diameters are approximately **