SILICABLE® ECSC-VDE and CNCSC-VDE

Double insulating layer VDE approval

-60 °C to +180 °C

1 • Flexible tin-plated (ref. ECSC-VDE) or nickel-plated (ref. CNCSC-VDE) copper core - class 5 as per IEC 60228 / DIN VDE 0295.
2 • Insulation: Silicone rubber - type EI2 - DIN EN 50363-1.

Approvals - standards

- VDE approval: Licence No. 119365.
- Halogen-free: IEC 60754-1 / EN 60754-1.
- Safety of household and similar electrical appliances: NF EN 60335-1.

Applications

- Class 2 lighting equipment and convectors or any other household electrical appliance complying with standard NF EN 60335-1.
- Cabling for rotating machines (class H).

Options

- Solid tin-plated copper core (ref. RECSC-VDE) – class 1 as per IEC 60228:
  > See details of the option below.
  > Option not available in nickel-plated copper.

Characteristics

General

- Continuous operating temperatures: -60 °C to +180 °C.
- Good resistance to thermal shock and UV.

Electrical

- Rated voltage: 300/300 V.
- Test voltage: 3750 V.

Standard products

- Inner insulating layer: white.
- Outer insulating layer: all colours including two-coloured.

ECSC-VDE and CNCSC-VDE

Flexible core • class 5 as per IEC 60228

Nominal cross-section (mm²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km) (tin-plated copper core)	INSULATED WIRE: Nominal thickness of insulation (mm) on the inner layer	on the outer layer	Nominal diameter (mm)	Approximate linear weight (kg/km)
0.5	16 x 0.20	40.1	0.6	0.6	3.3	14.7
0.75	24 x 0.20	26.7	0.6	0.6	3.6	18.6
1	32 x 0.20	20.0	0.6	0.6	3.7	21.3
1.5	30 x 0.25	13.7	0.7	0.7	4.4	30.4
2.5	50 x 0.25	8.21	0.8	0.8	5.2	45.5

Option • RECSC-VDE

Solid core • class 1 as per IEC 60228

			INSULATED WIRE			
0.5	1 x 0.80	36.7	0.6	0.6	3.2	14.2
0.75	1 x 0.98	24.8	0.6	0.6	3.4	17.5
1	1 x 1.13	18.2	0.6	0.6	3.6	20.9
1.5	1 x 1.38	12.2	0.7	0.7	4.2	29.4
2.5	1 x 1.77	7.56	0.8	0.8	5.0	44.4

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