



SPECIFICATION

for

0.6/1kV THOMFLEX-SIL(UC)


Tech Spec. No. : TCC-SPEC-144/2022


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Approved by 
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Description : 0.6/1kV THOMFLEX-SIL(UC)

Rated voltage : 0.6/1kV

Range of temp. : - 60 ~ 180℃ (up to 200℃)

Construction**Conductor**

Tinned annealed copper
round bunch-stranded, Class 5

Insulation

Silicone rubber

Core identification

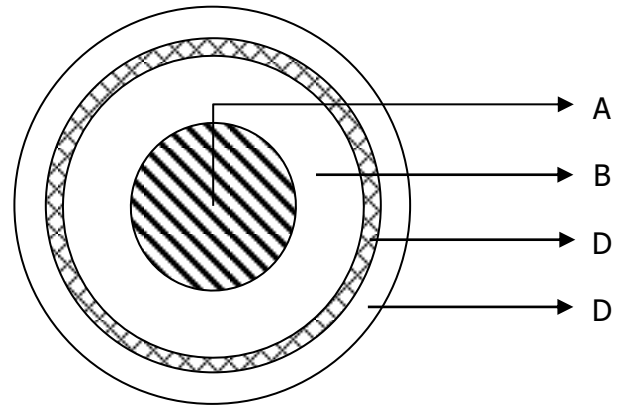
White

Shield

Tinned annealed copper wire braiding

Sheath

Silicone rubber, Reddish Brown

Drawingex) 1 x 50mm²

A : Conductor
B : Insulation
C : Shield
D : Sheath

Cable marking

- Marking method & Interval : White ink printing with max. 1,000mm interval

- Marking content

ex) 0.6/1kV THOMFLEX-SIL (UC) 1 x 50mm² THOMAS CABLE General marking

Construction & Electrical table

No. of cores and cross-sectional area	Diameter of conductor	Thickness of insulation	Thickness of sheath	Overall diameter	Conductor Resistance at 20℃	Test voltage	Remark
(No. x mm ²)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(max.) (Ω/km)	(a.c) (kV/5min)	
1 x 50	10.1	1.8	2.0	18.8	0.393	3.5	IEC 60332-1-2
1 x 95	14.1	2.0	2.3	24.0	0.210		