



SPECIFICATION

for

0.6/1kV THOMFLEX-SIL(M) SL

Tech Spec No. : TCC-SPEC-112/2020

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Description : 0.6/1kV THOMFLEX-SIL(M) SL

Rated voltage : 0.6/1kV

Range of temp. : - 60 ~ 180℃

Construction**Conductor**

Tinned annealed high-conductivity copper
round bunch-stranded, Class 6

Insulation

Silicone rubber

Core identification

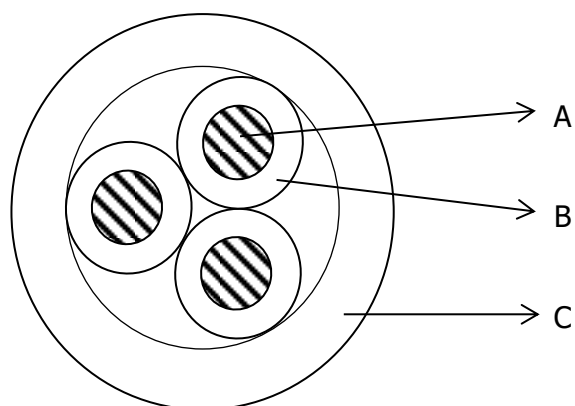
Blue, Brown, Green

Assembly

Required cores shall be assembled
with suitable binder

Sheath

HT-Silicone rubber, Reddish Brown

Drawingex) 3 x 1.5mm²

A : Conductor
B : Insulation
C : Sheath

Cable marking

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

- Marking content

ex) 0.6/1kV THOMFLEX-SIL (M) 3 x 1.5mm² SL THOMAS CABLE General marking

Construction & Electrical table

No. of cores & cross-sectional area	Diameter of conductor	Thickness of insulation	Diameter 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)	(nom.) (mm)	(max.) (Ω/km)	(a.c) (kV/5min)	
3 x 1.5	1.8	0.7	3.2	1.3	10.0	13.7	3.5	IEC 60332-1-2
3 x 25	7.3	0.9	9.2	2.0	24.5	0.795		