



SPECIFICATION

for

0.6/1kV THOMFLEX-SIL(MC) SL

Tech Spec No. : TCC-SPEC-108/2020

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Description : 0.6/1kV THOMFLEX-SIL(MC) 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

3C : Blue, Brown, Green

4C : Blue, Brown, Black, Green

12C : Black cores with consecutive numbers
with a green core

Assembly

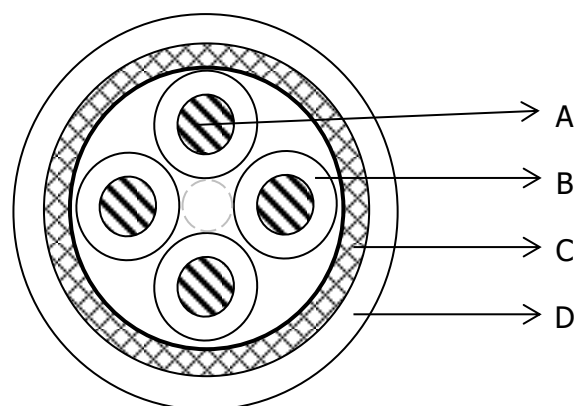
Required cores shall be assembled
with suitable binder

Shield

Tinned annealed copper wire braiding
(Min. cov. : 80%)

Sheath

HT-Silicone rubber, Reddish Brown

Drawingex) 4 x 0.75mm²

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 (MC) 4 x 0.75mm² 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)	
4 x 0.75	1.3	0.6	2.5	1.3	9.4	26.7	3.5	IEC 60332-1-2
3 x 1.0	1.4	0.6	2.7	1.3	9.1	20.0		
12 x 1.5	1.8	0.7	3.2	2.0	18.0	13.7		