SPECIFICATION

for

0.6/1kV SAVAFLEX-SERVO CY

Tech Spec. No. : TCC-SPEC-225/2023

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Revised No. : -

Revised date : -

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Thomas

Tech Spec. No. : TCC-SPEC-225/2023
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Description : 0.6/1kV SAVAFLEX-SERVO CY

Rated voltage : 0.6/1kV

Construction	Drawing

Conductor
Plain annealed copper
round bunch-stranded, Class 5

Insulation
TPE

Core identification
Core : Black cores with consecutive numbers
with yellow/green core
Pair : Black-White

Unit (Pair)
Two cores shall be pairing with suitable binder

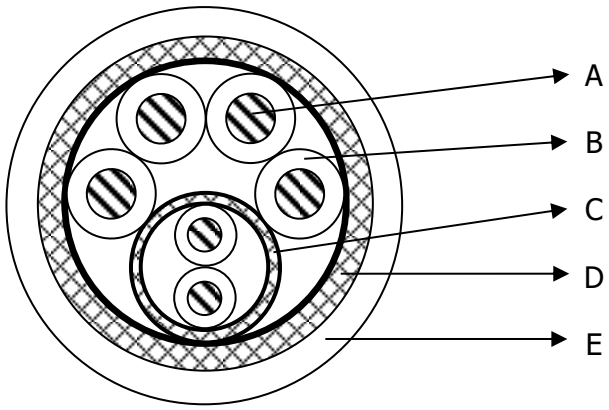
Individual shield
Tinned annealed copper wire braiding

Assembly
Required cores + pair shall be assembled
with suitable binder

Overall shield
Tinned annealed copper wire braiding
with suitable binder

Sheath
PVC, Orange

ex) 4 x 4㎟ + (1 x 2 x 1.5㎟)C



A : Conductor
B : Insulation
C : Individual shield
D : Overall shield
E : Sheath

Cable marking

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

- Marking content

ex) 0.6/1kV SAVAX SAVAFLEX-SERVO CY 4 x 4㎟ + (1 x 2 x 1.5㎟)C CE RoHS General marking

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Description : 0.6/1kV SAVAFLEX-SERVO CY

Rated voltage : 0.6/1kV

Construction & Electrical table

No. of cores + pair and cross-sectional area (No. x ㎟)	Diameter of conductor (nom.) (㎜)	Thickness of insulation (min. avg.) (㎜)	Thickness of sheath (nom.) (㎜)	Overall diameter (nom.) (㎜)	Conductor resistance at 20℃ (max.) (Ω/㎞)	Test voltage (a.c) (kV/5min)	Flame retardant
4C x 1.5 + 1P x 1.5	1.5	0.7	1.8	14.7	13.3	3.5	IEC 60332-1-2
	1.5	0.7					
4C x 4 + 1P x 1.5	2.6	0.7	1.8	16.9	4.95		
	1.5	0.7			13.3		