LOW VOLTAGE TERMINATIONS

ALVTO / CLVTO

KEY FEATURES

- ***Type tested, meets BS EN50393 and NRS074-2 standards***
- ***Operating temperature from -55 °C to 110 °C***
- ***Superior UV and environmental resistance for demanding conditions***
- ***Excellent electrical insulation and water-blocking properties***
- ***Fast, simple installation, energisable immediately***
- ***Complies with Eskom specifications***

CIP low-voltage heat shrink terminations are designed to withstand UV exposure and harsh environments. Kits can be tailored to include medium-wall tubing (AMWA), coloured thin-wall tubing (ATW), or thin-wall tubing (ATW...UV), with black filler mastic (ABFM) and water-blocked copper earth braid for a secure water seal.

Complies with BS EN50393:2015 Test sequence for joints for solid extruded dielectric insulated cables and for transition joints between solid extruded dielectric insulated cables and impregnated paper insulated cables.

DIMENSIONS

Product	Cable Size: 2 to 4 core 600 / 1000 V	
	Min (mm^2)	Max (mm^2)
CLVTO4/35	4	35
CLVTO25/70	25	70
CLVTO70/95	70	95
CLVTO50/150	50	150
CLVTO120/150	120	150
CLVTO95/185	95	185
CLVTO120/240	120	240
CLVTO185/240	185	240

TECHNICAL DATA

TEST	SUB-CLAUSE	Samples Types of Termination		REQUIREMENTS
		I	II	
		D1	D1	
Impulse voltage withstand at ambient temperature	8.2	-	X	No failure or flashover
AC voltage withstand (in air)	8.3	X	X	No failure
Insulated resistance (in air)	8.4	X	X	Insulated resistance ≥50 MΩ
Heating cycle in air	8.6	X	X	63 Cycles
Heating cycle in water (Crutch immersed)	8.6	X	X	63 Cycles
AC voltage withstand (Crutch immersed)	8.3	X	X	No Failure
Insulated resistance (Crutch immersed)	8.4	X	X	Insulated resislance ≥50 MΩ
Examination	8.8	X	X	To be recorded

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