

Cable Terminal Protector

For RMU



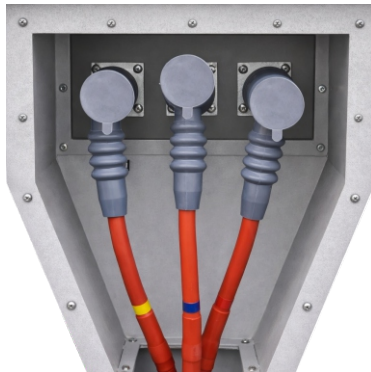
Gala Elbow Terminal Protector will be used in the cable entry boxes with any types of indoor terminations, where the phase to phase clearance is less & having possibility of air flashover, where the air will not give the adequate insulation level. This product will act as a barrier and minimize the chance of flashovers.

Components are manufactured from the special formulation of elastomeric material having good UV resistance, track resistance, insulation & mechanical properties. It is a moulded component and can be used on epoxy bushing. Each component is factory tested to provide reliability.

The Cable Terminal Protector is the C Type interface. This has been designed to exceed minimum industry test standards and have dielectric strength more than 15 kV/mm. The Cable Terminal Protector provides adequate insulation and is easy to install due to its one-piece design. However, this product is not touch proof.

Features & Benefits:

- ❖ Easy to install.
- ❖ Suitable for cable range from 25sq mm to 400 sq mm.
- ❖ Fits Sector shaped cables.
- ❖ Facilitates Direct Voltage Testing.
- ❖ Re-usable and Re-openable.
- ❖ Economically Viable Solution for 11kV and 22kV.
- ❖ Prevents Flash-over due to humid environment in HT cable entry box.
- ❖ Protection from Short Circuit due to intervention by Reptiles, Birds, Animals.
- ❖ Suitable to use RMU having bushing of C Type with compact design.



Technical Specification*

Test	Rated Voltage 12 kV	Rated Voltage 24 kV
1. AC High Voltage withstand Test for 1 min duration	28kV	IE60060-1
2. Impulse withstand Test	75 kV	IE60060-1
Physical		
TEST DESCRIPTION	RECORDED VALUE	TEST METHOD
1. Tensile Strength	10N/mm ² (MPa) (min.)	ASTM D638
2. Ultimate Elongation	200% (min.)	ASTM D638
3. Water Absorption	0.5% (max)	ASTM D570
4. Hardness	35±5 shore D	ASTM D2240
Thermal		
1. Continuous Temp. Limit	-40° to +115° C	IEC 216
Electrical		
1. Dielectric Strength	15kV/mm.(min.)	ASTM D149
2. Volume Resistivity	1x10 ¹¹ ohm.cm min	ASTM D257
3. Dielectric constant	5 (max.)	ASTM D150

Selection Chart : Right Angle Boot

Product Code	Application Voltage(kV)	Bushing Center Distance
GTPE - 500	12	95

*All dimensions are in mm.



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