



**M/s. ELECTRICAL PRECISSION PRODUCTS.**

An ISO 9001: 2008 Certified Company.

## **DTC Metering Box for Distribution Transformer Centre & LT Tamper Proof Box Made out of (FGRP) SMC.**



**DTC METERING BOX.**



**LT TAMPER PROOF BOX.**



ISO 9001:2008 Reg. No.: RQ91/4385

[www.epproductsfgrp.com](http://www.epproductsfgrp.com)

# PROFILE

## **E.P.Products is an ISO 9001 : 2008 Certified Company.**

The firm E.P. Products has been established during 1981 in Bangalore and Pioneer in manufacturing of FGRP based (SMC) Compression Moulding Products to cater the challenging requirements of the Electrical power sector and electronics establishments. The unit has developed its own in House Infra-Structure facilities for Producing required FGRP based Sheet Moulding Compound (SMC) Raw Material. The unit's Technical personnel trained in this field at Germany. We add significant value to our customers Business through High Quality products by continuously improvising technological and delivery capabilities guided by our ethical values taking care of developments in power sector needs.



### **INFRASTRUCTURE:**

E.P. Products has following Infrastructure facilities to take up its in house requirements for design and manufacture of various products.

### **TOOL ROOM:**

The Tool Room completely takes care of the in house Tooling requirements. This unit is equipped with sophisticated Machinery required for the Tool Design and manufacturer of various types of Tools, Dies, Gigs and Fixtures. The unit has in house Tool design facilities and is capable to meet intricate and complicated quality requirements of the customers.

### **SMC COMPRESSION MOULDING PLANT:**

This plant is equipped with compression moulding machines of various ranges to cater the moulding of FGRP (SMC) products.

### **IN HOUSE TEST FACILITIES:**

The unit is well equipped with the test equipments such as: - High Voltage Tester, Rain Shower Tester with On Line facilities. Endurance Tester. Electrical Insulation Tester.

### **PRODUCTS AND SERVICES - FEATURES**

- Manufacturing of L.T Tamper Proof / DTC Metering Box made out of FGRP (SMC).
- Manufacture & Supply of Pole Mounted FGRP (SMC) Aerial Fuse Boards with cut outs ratings from 10 Amps to 100 Amps. For e.g. Pole Mounted FGRP Aerial Fuse Boards 30Amps 3 way, 4 way, 5 way, & 6 way & also 3way of 60 Amps Ratings.
- Manufacturing of Brass Terminal Connectors for LT/HT Transformers of rating from 100, 250 & 500 kva.
- Manufacturing of FGRP Insulators for Bus Bars Supporters made out of (SMC).
- Manufacturers of compression, SMC Moulded Components as per Customer requirements.

### **INDUSTRY EXPERTISE:**

We serve clients in wide geographical electrical Industries and various power utilities and other Electrical, Electronic engineering Industries. We facilitate majority of our clients to overcome their industrial challenges involving projects and finished products. Our heritage and "know-how" have helped us to make the right choice for catering the services to our present and prospective customers.



## FEATURES & ADVANTAGES:

- Compact Design with Elegant Appearance.
- Light weight & Durable.
- Wide range for different Applications in power sector.
- Unique space for mounting Energy meter and Busbars / CTs for cable connections.
- Current Transformers for Energy meter is provided as per customer Technical Specification.
- Arrangements for fixing CTs & termination to Energy Meter.
- Display window of Polycarbonate on the front door to monitor Energy meter.
- Excellent performance in all weather conditions like Coastal Humidity, Heavy rains, Solar Radiation & Polluted Atmosphere.
- Safe for consumers, General public as well cattle due to insulated body.
- Maintenance free: Rust proof and Shock proof.
- Fire Retardant, Rot-proof and termite resistant.
- Useful for both indoors and outdoors Applications.
- Development of our products are achieved by In-house Compression Molding & Injection Molding.



DTC Metering Box



DTC Metering Box Serviced on pole

## TECHNICAL SPECIFICATIONS:

The systems is design as per Electrical power distribution requirements and consisting of protection devices and metering also as per the IS Standards & customers requirements.

- FGRP Molded in Single piece of thickness of 3.5mm.
- Hot press moulded by (FGRP) SMC.
- Anti rust Aluminum Hardware for wire seal Tamper proof.
- Concealed Stainless steel hinges.
- Hinges Riveted from inside.
- Unique space for cable entry & connection as per IS standards.
- Adequate rating of Aluminum Busbar with colour coded heat shrinkable sleeves.
- CT Coils as per IS-2705/1992 & Ratio: 50/5A, 75/5A & 100/5A 400/5A & 800/5A of Class 1.0

& 0.5 Ring Type, Fibre Glass Tape Wound, & 3.75 VA Burden.

- FGRP SMC Insulators for mounting Aluminium Busbar.
- Mounting arrangements of box for Pole Mounting & Wall Mounting.
- FGRP SMC sheet for Energy Meter Mounting and Busbar / CTs Mounting with suitable thickness.
- Gasket arrangement for dust/vermin proof/water proof.
- Water proof PVC Cable glands for both Incoming & Outgoing cables.
- Excellent facilities for tool & mould development through Computer Aided Design.
- The Product have been Tested in a Govt of India Recognized NABL Certified Lab.
- Development of our products are achieved by In-house Compression Molding & Injection Molding.

## QUALITY POLICY

We at E.P.PRODUCTS,

Commit to supply Quality Products as per the customer specifications at competitive price. We strive for continuous improvement in our products and processes & evolve opportunities for educating & upgrading the skills at all levels with in the company for ultimate satisfaction of our esteem customers

The Product have been Tested in a Govt of India  
Recognized NABL Certified Lab.

We guarantee to supply defect free products to customers

# SWDC<sup>2</sup>



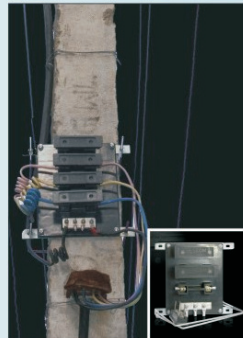
DTC Metering Box



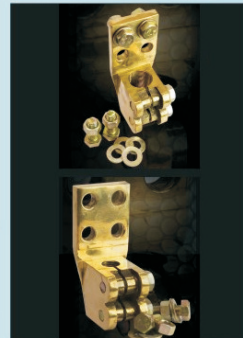
LT Tamper Proof Box



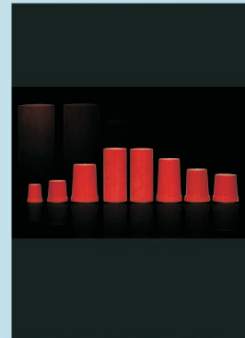
10A & 30A Fuse Board



60A Fuse Board



LT & HT Brass  
Terminal connector



Insulators for Bus Bars



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Manufactured By:

**M/s. ELECTRICAL PRECISION PRODUCTS.**

An ISO 9001: 2008 Certified Company.

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