

# Transformer Deferral Cabinet

Designers and Manufacturers of Rustguard Enclosures, Primary Sectionalizing Cabinets, Secondary Pedestals and Pole Line Hardware

WESTERN POWER PRODUCTS



Figure 1. Munsell Green unit open.



Figure 2. Munsell Green unit closed.

## DESCRIPTION:

Some transformers sit around, unused for years after they are installed. The Western Power Products Transformer Deferral Cabinet is designed to be placed on a box pad to provide feed through for 15 kV or 25 kV cables. This setup allows for easy future installation of a transformer when it is needed. Meanwhile, the cost associated with purchasing a transformer and costs of line loss on an unused transformer, are eliminated.

The deferral cabinet can also be used to switch out existing transformers. These transformers can then be moved to a location where they will be used. Each unit is approximately 38”(W) x 38”(D) x 18”(H) and includes a bracket with two parking stands.

## FEATURES & BENEFITS:

- Corrosion Free:** Complete absence of ferrous material means every cabinet is totally rust free; impervious to attack under any environmental conditions; unaffected by fertilizer spray, salt air, and most chemicals.
- Intrusion Resistant:** Reduces accident potential.
- Durable:** Powerglass® is resistant to impact, which reduces the costs of repair or replacement of dented or damaged cabinets. The aesthetically pleasing unit keeps its appearance year after year.
- Fire Retardant:** Powerglass® will not support combustion.
- Lightweight:** The lightweight, one-piece design permits easy installation. No field assembly required.
- Lift Off Lid:** The lid is held in place by supports from both sides or will easily lift completely off to allow more flexibility while working.
- Choice of Colors:** Standard colors include willow (light) green and munsell (dark) green which allow a better blend to the local environment. Custom colors also available.



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## ORDERING INFORMATION:

Part Number	Catalog Number	Description	Weight
DF383818WD	DCM-38-18-DF3	Transformer Deferral Cabinet - Willow Green	55
DF383818MD	DCM-38-18-DF3-MG	Transformer Deferral Cabinet - Munsell Green	55

## SPECIFICATIONS:

### Scope

This specification is intended to identify and set minimum standards for the quality of material and workmanship needed in reinforced plastic laminates for extended exterior service. Conforms to REA requirements.

### Raw Material

A. Resins – Resins shall be thermosetting, medium reactivity, rigid fire resistant polyester containing a maximum monomer content of 42% and a maximum of 1% Thisotropic additive.

B. Glass fiber – Glass fiber reinforcement shall be K filament type E Borosilicate glass having high performance chrome-complex or silane finish compatible with polyester resin.

C. Gelcoat – Exterior surface coating shall be ultraviolet light stabilized, weather resistant, polyester base containing fade resistant color pigments, and such inert extenders as are appropriate to maintain total pigment volume concentration less than 25%.

D. Interior coating – Interior laminate coating, when required, shall be a pigmented heat resistant high gloss polyester based surfacing sealer.

E. Other materials – Organic peroxide catalysts and promoters appropriate to the resin type shall be used as necessary to provide thorough cure.

### Standards

A. Structural Standards- Minimum structural standards of the finished laminate shall be as follows:

Tensile Strength ASTM D-638	8,180
Flexural Properties ASTM-D790	6,040
Tangent Modules of Elasticity	407.3
Compressive Strength ASTM D-695	19,350
Water Absorption ASTM D570-59aT	5%
Charpy Impact Test ASTM D-256	3.0
Impact Resistance ASTM D-244	37.5
Flammability Tests ASTM D-635	Self Extinguishing
Ultraviolet Protection Nominal .014” gelcoat	