

## 65,000 AMP PROTECTION

The Titan 65DR delivers DIN Rail mounted surge protection and noise filtration inside electronic equipment cabinets. It is designed to be DIN Rail mounted to the incoming power source, isolating the cabinet from the outside environment.

Compliant with UL 1449 4th Edition



## APPLICATIONS

The Titan 65DR is ideal for cabinet builders as well as manufacturers and integrators of industrial, medical and commercial instrumentation equipment.

## SUPERIOR PERFORMANCE

The Titan 65DR utilizes a hybrid suppression circuit that provides 65,000 peak amps of surge protection. Incorporating the same hybrid circuit generally reserved for the more expensive devices, the Titan 65DR offers sine wave tracking, tight clamping and noise filtration for superior protection.

The Titan 65DR provides safe and reliable operation by incorporating EFI's latest safety developments including EFI's trademark fusing technology, LightningTemp®. Each MOV is individually fused and the product is contained in a NEMA 1 housing for maximum safety. The 65DR has been tested and is a UL recognized component and is CE certified.

## EASY INSTALLATION

The Titan 65DR mounts quickly and easily to (number 43880, 35mm) DIN Rails while screw lugs provide easy parallel or Kelvin connection in the power system. The small footprint of the Titan 65DR even provides greater installation flexibility in situations where space is limited.

| FEATURES                 | ADVANTAGES  | BENEFITS  |
|--------------------------|---|---|
| COMPACT DESIGN           | Allows fast and easy mounting inside equipment cabinets                     | Eliminates costly customization to cabinet designs  |
| DIN RAIL MOUNTING DESIGN | Provides mounting flexibility for manufacturers using DIN Rail construction | Allows suppressor to be attached and installed in minutes                                 |
| GREEN STATUS LED         | Provides continuous status indication                                       | Prevents unknown loss of protection   |
| LIGHTNINGTEMP® FUSE      | Offers protection from extreme surge currents                               | Provides reliable operation and prevents dangerous thermal run away when MOVs are damaged |

# TITAN® 65DR Product Specifications



## PERFORMANCE

Max Surge Current 65KA/phase,  
L-N 32.5KA, L-G 32.5KA, N-G 16KA  
EMI/RFI Noise Rejection Up to -40dB  
Sine Wave Tracking Yes  
(except 65DR600 model)

## MECHANICAL DESCRIPTION

Dimensions 2.28" x 2.82" x 3.5"  
(Single Phase)  
2.28" x 7.75" x 3.5"  
(Three Phase)  
Housing Ratings NEMA 1  
Product Weight 0.5 lb (Single Phase)  
1 lb (Three Phase)

## MECHANICAL DESCRIPTION (CONT'D)

Connection Method Dual #12  
AWG Terminals  
Mounting Method Parallel  
(for use on DIN 43880 rail)  
Thermal Fusing Yes,  
LightningTemp® Fuse  
Storage Temperature -40° to +160° F  
(-40° to +70° C)  
Operating Temperature -40° to +140° F  
(-40° to +60° C)  
Operating Altitude Sea Level to  
12,000 feet (3,658 Meters)  
Operating Frequency 50/60/400Hz  
Parallel Unlimited  
Kelvin/Series 20 Amps

## DIAGNOSTICS

Green Status LED, Audible Alarm,  
Diagnostic Contact

## SAFETY APPROVALS

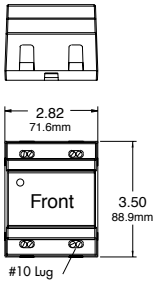
UL 1449 4th Edition, CE

## WARRANTY

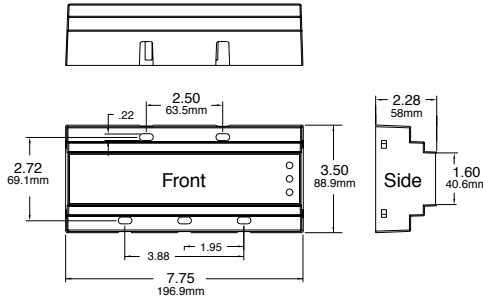
Product 10 years

## TITAN 65DR

### Single Phase



### Three Phase



| TITAN 65DR SYSTEM DESCRIPTION |                         |         | UL 1449 4-TH EDITION |     |     |      | ANSI C 62.41<br>CLAMPING VOLTAGE |          |          |
|-------------------------------|-------------------------|---------|----------------------|-----|-----|------|----------------------------------|----------|----------|
| Model                         | Configuration           | MCOV    | L-N                  | L-G | N-G | L-L  | Cat A                            | Cat B3   | Cat C1   |
| Titan 65DR                    | 120 1 Phase, 2-wire + G | 150     | 400                  | 400 | 400 | N/A  | 328                              | 400      | 464      |
| Titan 65DR                    | 230 1 Phase, 2-wire + G | 320     | 800                  | 800 | 800 | N/A  | 504                              | 664      | 904      |
| Titan 65DR                    | 400 3 Phase, 3-wire + G | 320/640 | N/A                  | 800 | N/A | 1800 | 744/468                          | 756/1296 | 864/1672 |
| Titan 65DR                    | 600 3 Phase, 3-wire + G | 780     | N/A                  | 900 | N/A | 1800 | 1620                             | 1700     | 1700v    |