

2785 Sheath Grounding Unit



The 2785 Sheath Grounding Unit (SGU) connects to the cable armors and provides a low impedance ground path for high voltage transients while allowing tone location and monitoring signals to pass. The 2785 SGU is designed to fit into standard 3 inch or larger pedestals, marker posts and Big Fink™ test stations. The 2785 SGU is environmentally sealed in a field rugged UV resistant case. A bond bar opens for east/west isolation and testing while still providing full surge protection.

The 2785 is an encapsulated module containing a gas tube surge arrester, engineered to protect equipment from lightning and induced surges.

Features

- Provides low impedance ground path for high transient voltages
- Easy access for east/west sheath isolation and testing
- Automatically resets
- Three sizes and mounting configurations to suit your application
- Impact and UV resistant packaging

PROVIDES LOW
IMPEDANCE GROUND
PATH FOR HIGH
TRANSIENT VOLTAGES

AUTOMATICALLY RESETS

IMPACT AND UV
RESISTANT PACKAGING

EASY ACCESS FOR
EAST/WEST SHEATH
ISOLATION AND TESTING

THREE SIZES AND
MOUNTING
CONFIGURATIONS TO
SUIT YOUR APPLICATION

For more information on any
of our products or services,
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Specifications

ITEM	QUANTITY/SPECIFICATION	NOTES
Inputs		
Capacitance	6 pF	Line to ground
Protection		
DC Breakdown Voltage	300 – 500 VDC @ 2000 v/sec	
Impulse Breakdown	< 1000V at 10 kv/sec	
Impulse Current Rating	40,000 A	8x20µs impulsive, single cycle
AC Current Rating (Momentary)	20 A	60Hz AC, 1s application
AC Voltage Rating (Continuous)	100 VAC	60Hz AC Continuous
Connections		
Machine Screw Terminals	10-32	
Physical		
P Series	3" x 1.5" x 2.5" (7.6 cm x 3.8 cm x 6.4 cm)	
	0.75 lbs (0.34 kg)	
M Series	2" x 1" x 3" (5.1 cm x 2.5 cm x 7.6 cm)	
	0.50 lbs (.23 kg)	
F Series	2.5" x 0.75" x 2.5" (6.4 cm x 1.9 cm x 6.4 cm)	
	0.40 lbs (0.17 kg)	
Environmental		
Operating Temperature Range	-50°C to +85°C -58°F to +185°F	
Model Number(s)	2785-P SGU	Pedestal Application
	2785-M SGU	Marker Post Application
	2785-F SGU	Big Fink™ Application

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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