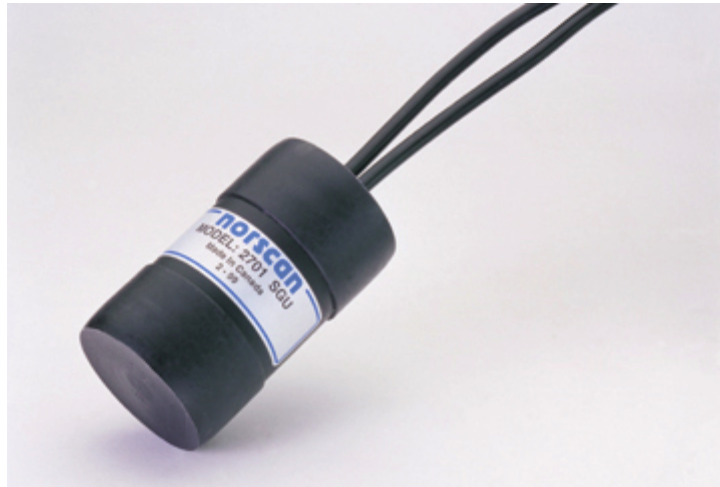


2706 Sheath Grounding Unit



The 2706 Sheath Grounding Unit (SGU) connects to the cable armor and provides a low impedance ground path for high voltage transients while allowing tone location and monitoring signals to pass. The 2706 can be installed inside or outside a splice closure and is particularly suited for retrofit to existing cable. The 2706 SGU is environmentally sealed making it ideal for below grade applications. The 2706 SGU does not provide test access to the armor.

The 2706 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
- Automatically resets
- Maximum duty fail safe
- Environmentally sealed for use in demanding below or above grade conditions

Specifications

ITEM	QUANTITY/SPECIFICATION	NOTES
Inputs		
Capacitance	< 30 pF	Line to ground
Protection		
Surge Element	Three-electrode maximum duty	
DC Breakdown Voltage	300 – 500 VDC	
Impulse Breakdown	500V (Max) at 100 V/μsec 750V (Max)	
Impulse Current Rating	40,000 A	8x20 μs impulse, single cycle
Life	1,000 A, 1,000 surges minimum polarity 500 A on each side to ground simultaneously	
Fail Safe	Integral fail-short device	
Insulation Resistance	1,000 megohms minimum @ 100VDC	
AC Current Rating (Momentary)	10 A	60Hz AC, 1s application
AC Voltage Rating (Continuous)	175 VAC	60Hz AC continuous
Connections		
Solid stripped copper leads	AWG # 6 leads, 60"/98"	152 cm/249 cm
Physical		
Dimensions	3" x 1.5" x 1.5" (7.6 cm x 3.8 cm x 3.8 cm)	
Weight	2 lbs (.91 kg)	
Environmental		
Operating Temperature Range	-50°C to +85°C -58°F to +185°F	
Model Number(s)	2706 SGU	Sheath Grounding Unit #6 solid copper, 20 ft. leads

PROVIDES LOW IMPEDANCE GROUND PATH FOR HIGH TRANSIENT VOLTAGES

AUTOMATICALLY RESETS

MAXIMUM DUTY FAIL SAFE

ENVIRONMENTALLY SEALED FOR USE IN DEMANDING BELOW OR ABOVE GRADE CONDITIONS

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