

2755 Sheath Grounding Unit 2755 Wire Grounding Unit



Featuring an encapsulated module containing a gas tube surge arrester, the 2755 SGU/WGU is engineered to protect your equipment from hazardous lightning and induced surges. The 2755 Sheath Grounding Unit (SGU) is a four line device designed to access four cable armors, while the 2755 Wire Grounding Unit (WGU) is a four line device designed to access four cable locate wire leads.

For adequate protection, it is recommended to install this device at every splice location or at a minimum at every third splice location.

Features

- Easy access to cable armor or locate wire to facilitate cable locating and/or conductor testing
- Straightforward and reliable resealing
- Provides low impedance ground path for high transient voltages
- Automatically resets
- Maximum duty failsafe
- 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		
Machine Screw Terminals	10-32	
Physical		
Dimensions	8" x 4" x 3.5" (20.3 cm x 10.2 cm x 8.9 cm)	
Weight	SGU 12.5 lbs (5.7 kg)	WGU 4.5 lbs (2.0 kg)
Environmental		
Operating Temperature Range	-20°C to +85°C -4°F to +185°F	
Model Number(s)	2755-6 SGU	Sheath Grounding Unit #6 solid copper, 20 ft. leads
	2755-6 WGU	Wire Grounding Unit #6 solid copper, 20 ft. green ground lead only

EASY ACCESS TO CABLE ARMOR OR LOCATE WIRE TO FACILITATE CABLE LOCATING AND/OR CONDUCTOR TESTING

STRAIGHTFORWARD AND RELIABLE RESEALING

PROVIDES LOW IMPEDANCE GROUND PATH FOR HIGH TRANSIENT VOLTAGES

AUTOMATICALLY RESETS

MAXIMUM DUTY FAILSAFE

ENVIRONMENTALLY SEALED FOR USE IN DEMANDING BELOW OR ABOVE GRADE CONDITIONS

For more information on any of our products or services, please visit us on the web at: www.norscan.com

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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