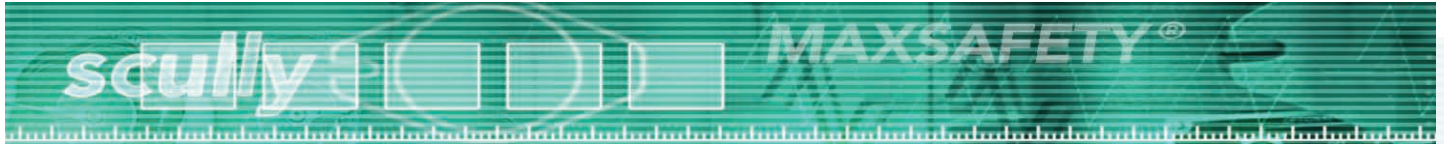


Model SC-47CC/CLMP



ELECTRONIC  
PRODUCT  
LINE



### DESCRIPTION

The Scully SC-47CC/CLMP Clamp and Cable Unit is designed to drain static charges built up on vehicles, railcars and other metal liquid tank containers. The clamp unit is designed to be connected, via two wires, to the Scully Groundhog grounding verification system. When the clamp is attached to the tank container, the system utilizes an intrinsically safe signal to verify a proper static bond exists during liquid transfer operations.

If the clamp is not properly attached to the tank vehicle, the system will not allow product to transfer. If at any time during the transfer process the clamp is disconnected, the system will send a signal to stop the product transfer.

The clamp and cable unit is connected to a heavy duty, weatherproof junction box. The junction box acts as a housing to connect the cable wires and the control wiring. In the event of a drive-away, the cable pulls out of the junction box. This maintains vapor tight safety and prevents damage at the control monitor. Other systems without a junction box disconnect and may allow non-intrinsically safe signals within the liquid transfer environment during a drive-away accident.

**WARNING:** Bypassing the system's ground verification by attaching a clamp to a shim, support beam or other object defeats the system's purpose and violates the systems intended function. For non-bypass options through the use of a vehicle mounted ground bolt or ball, please consult data sheet #60733

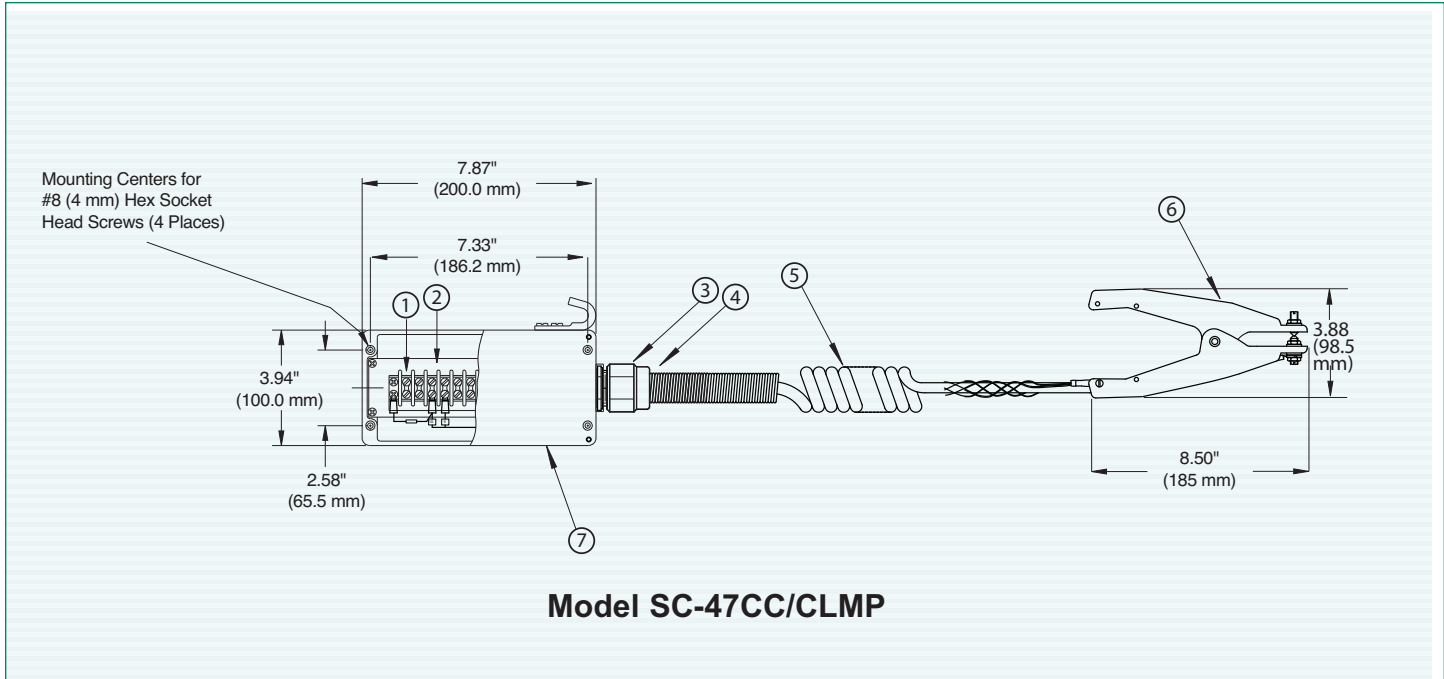
### FEATURES AND BENEFITS

The clamp and cable unit is used in conjunction with the Scully Groundhog grounding verification control system. Features of its operation include:

- Verification of static grounding when properly connected to the trailer frame.
- Intrinsically safe operation.
- Spring loaded clamp jaws with adjustable contact pins for a solid bond to the trailer frame.
- Heavy duty, weather sealed aluminum junction box to house cable wiring.
- The clamp and cable disconnects from the junction box during a drive-away accident, preventing damage to the control monitor and maintaining intrinsic safety.

67206, Rev A

 **Ground Verification Clamp and Cable Unit  
with *Sculcon Junction Box***



**TECHNICAL SPECIFICATIONS**

<b>Junction Box:</b>	Weather sealed die-cast aluminum box. Stainless steel external hardware.	<b>Cable:</b>	Oil resistant, philaprene 2 jacketed. Coiled: 32 feet (extended) (10 meter) Straight: 20 feet (6 meter)
<b>Clamp:</b>	Aluminum alloy, corrosion resistant. Stainless steel contact points.	<b>Cable Strain Relief:</b>	Stainless Steel
		<b>Clamp Strain Relief:</b>	Stainless Steel

**ORDERING INFORMATION**

Description	Part #
SC-4CC/CLMP Clamp and 32' Coiled Cable	08815
SC-47/CLMP Sculcon Junction Box, Clamp and 20' Straight Cable	09333

**REPLACEMENT PARTS**

Item	Description	Part #
1	Terminal Strip, 12 position	26747
2	Terminal Strip Marker, 12 position	27713
3	Strain Relief Bushing	21031
4	Spring and Nut Assembly for Strain Relief Bushing	20859
5	Clamp and Cable Assembly, 32' Coiled Cable	31766
	Clamp and Cable Assembly, 20' Straight Cable	32665
6	Replacement Clamp	31778
7	Sculcon Box Assy, General Purpose	32319

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