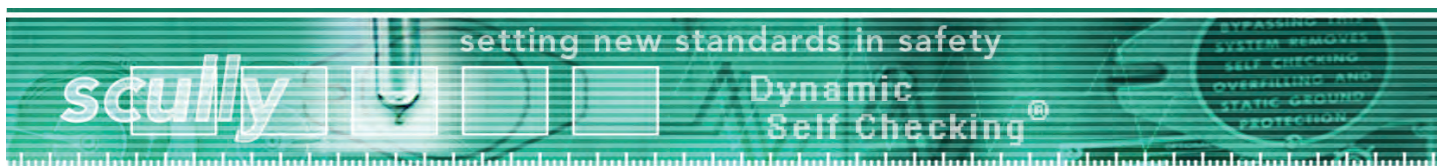




Ground Verification Clamp and Cable Unit

With Sculcon® Junction Box, Model SC-47CC/CLMP



Model SC-47CC/CLMP



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 bare metal on the tank container, the system utilizes an intrinsically safe signal to verify that 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 controller 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:** When used in conjunction with a Scully Groundhog™, the clamp provides a resistance (non-self-proving) verification system. Thus, attaching the clamp to a metallic object or to a vehicle, which already has a return path to ground, may provide a false permissive indication.

To ensure self-proving operation, the vehicle must be equipped with a Groundbolt™ or Groundball™. For more information, reference Scully Groundhog™ Tech Data Sheet #60733.

FEATURES AND BENEFITS

THE SC-47CC/CLMP IS USED IN CONJUNCTION WITH THE GROUNDHOG™

- 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.

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