

**Cenelectrex®**

## Earth-Rite PLUS

### Static Ground Indicator and Interlock System

The Earth-Rite PLUS provides positive verification of static ground connection on a wide range of industrial plant equipment, including tanker trucks, railcars, drums, containers and other conductive equipment.

Whenever flammable liquids or powders are transferred, or wherever there is a risk of conductive plant items becoming isolated from ground within hazardous locations, effective grounding and bonding is necessary to ensure safe dissipation of static electricity, to prevent fires and explosions which can be ignited by static.

When connected to a tanker truck or other conductive equipment, the intrinsically safe monitoring circuit verifies a low resistance connection and dissipation path to ground. Good connection is confirmed by an indicator light and the interlock is released (switch contact), enabling the transfer/process to start.

The Earth-Rite PLUS is approved for safe use in hazardous locations, and conforms to the requirements of all major US and International static control codes of practice.

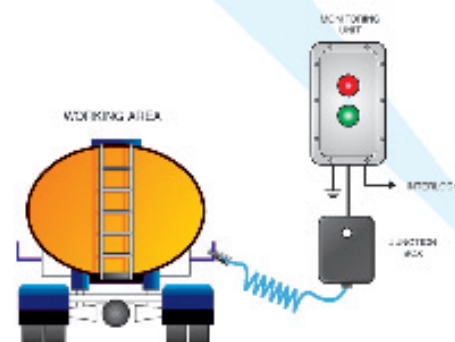


#### Key features and benefits

- Easy to install, operate and maintain
- Ground connection junction box simplifies I.S. field wiring, system set-up and repairs in hazardous atmospheres
- Every unit supplied with full installation and operating manual
- Meets requirements of NFPA 77 recommended practice on static electricity
- Confirms safe, low-resistance static dissipation path (< 10 Ohms) from tanker, drum etc to designated ground point
- Universal ground clamp suits all common tankers, drums, conductive plant equipment

#### Earth-Rite PLUS includes:

- Explosion Proof (XP) Controller with Intrinsically Safe Monitoring Module
- Universal Ground Clamp with 32ft Spiral Twin Core Hytrel® Cable
- Ground Connection Junction Box with Storage Pin for Clamp



## Earth-Rite PLUS Static Ground Indicator and Interlock System

Technical data	
Power requirement:	115 or 240V AC; 45-65 Hz
Interlock:	Voltage Free Switch Contact
Signal lamps:	Red/Green Long-Life Multi-LED (tested to 100,000 hrs)
Enclosure entries:	3/4" NPT
Suitable for use in:	Class I, Div. 1 and 2 Groups B, C, D Class II, Div 1 and 2 Groups E, F, G Class III
	Nema 4X, 7, 9 <i>For full technical data and wiring details refer to installation and operating manual</i>
Order Code	Description
EMUE71	Earth-Rite PLUS with XP Control Housing and Indicator Lights <i>Systems configured for 115V AC power supply as standard - for 240V add /240 to order code (e.g. EMUE71/240)</i>
Options	<i>Add separator and suffix to order code (e.g. EMUE71/CR)</i>
/QC	Quick-connect plug and socket fitted to junction box and cable (enables quick and easy cable/clamp replacement)
/CR	50ft Self-Retracting Cable Reel with maintenance-free, ultra-low resistance contacts (replaces spiral cable and junction box) <i>For further options, alternative control housings and non-standard requirements please contact our sales engineering office</i>



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