

EGL static grounding indicator

With automated pump control and static ground verification system

Cl. I, Div. 1 & 2, Groups B, C, D
Cl. I, Zones 1 & 2, IIB + H₂
Cl. II, Div. 1, Groups E, F, G
Cl. II, Div. 2, Groups F, G
Cl. III

UL/cUL Listed
Explosionproof
Dust-ignitionproof
Raintight/Wet Locations
NEMA 3, 4X, 7BCD, 9FG, 12

5C

Applications:

The EGL static grounding indicator is the ideal product for safe loading/unloading of ethanol, biofuel, petroleum, chemicals, plastics and other combustible materials. The EGL is mounted adjacent to loading/unloading areas and connected to transportation tank vehicles, railcars, drums or other portable containers to prevent explosions due to static discharge during product transfer by providing:

- A ground path for static build-up
- Automatic pump shutdown when static grounding circuit is broken
- Visual indication of safe, static grounding before, during and after loading and unloading operations

Features:

- Static ground verification system provides ground path for static build-up to ensure safe product transfer
- Integrated control relay allows for safe control of electrically operated pumps or valves, and for energizing remote indicators
- Stainless steel clamp for grounding connection provides industrial durability, corrosion resistance and increased product lifetime
- Interior and exterior epoxy powdered paint finish provides superior corrosion resistance inside and out
- LED pilot lights provide long-lasting visual identification of status of ground connection
- ECD Type 4X drain protects interior equipment from environmental moisture and condensation, rain water and hose down applications
- NEMA 4X compact, hose-tight and corrosion-resistant enclosure offers years of service in harsh industrial environments
- 25 ft. safety fluorescent yellow cord is easily identifiable to ensure safety and reduce tripping hazard
- Neoprene cover gasket provides a watertight seal to meet UL Type 4 (NEMA 4) requirements
- Stainless steel hinges are corrosion-resistant while providing safe and easy access to interior of enclosure
- Watguard™ desiccant packet absorbs and removes water/moisture and protects the enclosed equipment when not energized
- Adjustable mounting feet provide ease of mounting during installation

Certifications and compliances:

- Class I, Divisions 1 & 2, Groups B, C, D
- Class I, Zones 1 & 2, IIB + H₂
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III
- UL/cUL Listed
- NEMA 3, 4X, 7BCD, 9FG, 12; IP65

Standard materials:

- Enclosure – copper-free aluminum with interior and exterior epoxy powder coat
- Clamp – stainless steel
- Clamp grips – polyvinylchloride dipped
- Gasket – neoprene

Electrical ratings:

- Power consumption: 9.8VA
- 120 VAC supply
- Control relay interlocking contact: 15A at 277 VAC; 10A at 600 VAC
- Dual tapped 240 and 480 VAC step down transformer available
- Provides 2k ohms or less switching impedance
- 50/60 Hz



Ordering information:

Description	Cat. #
Indicator with two pilot lights (includes one red and one green pilot light)	EGL210 J1 J3

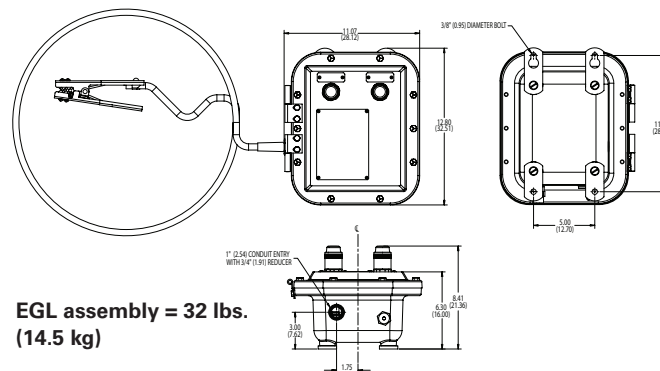
Options:

Description	Suffix
• Internal space heater to limit condensation build-up.....	R11
• Transformer suitable for both 220/240 VAC or 440/480 VAC ...	S883
• 50 ft. cord	50FC

Replacement parts (ordered separately):

EGL-K1	Ground clamp
EGL:20109-B	Ground clamp assembly (includes 25 ft. cord, connector and clamp)
EGL210-R1	EGL210 universal interior replacement kit
EMP009-J1-LED	Red pilot lights
EMP009-J3-LED	Green pilot lights
EJB-KIT5	Mounting feet
EGL S883 KIT	Transformer (220/240 VAC; 440/480 VAC)
EGL R11 KIT	Space heater
EGL PLUG KIT	Pilot light plug kit

Weights and dimensions (in inches (centimeters)):



EGL assembly = 32 lbs.
(14.5 kg)