

EGL

Static Grounding Indicator

*Ensuring Safe Product Transfer
With Automated Pump Control and
Static Ground Verification System*



Cooper Crouse-Hinds® EGL Static Grounding Indicator provides producers, handlers and manufacturers of combustible materials a safe product transfer solution with low-maintenance, simple installation and reliable operational benefits at a competitive price.

COOPER Crouse-Hinds

The EGL Static Grounding Indicator utilizes our successful *automated pump control and static ground verification system* in a compact, space-efficient NEMA 4X explosionproof enclosure to ensure safe product transfer.

This space-efficient solution allows for easy, time-saving interior access during standard maintenance checks as well as flexible mounting during the installation process.



FEATURES:	BENEFITS:
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	Long-lasting visual identification of status of ground connection
ECD Type 4X drain	Protects interior equipment from environmental moisture and condensation, rainwater, and hose-down applications
NEMA 4X compact enclosure	Hose-tight and corrosion-resistant enclosure offers years of service in harsh industrial environments
25 ft. safety fluorescent yellow cord	Offers an easily identifiable cord 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	Corrosion resistant while providing safe and easy access to interior of enclosure
Waterguard™ desiccant packet	Absorbs and removes water/moisture and protects the enclosed equipment when not energized
Adjustable mounting feet	Provides ease of mounting during installation

CERTIFICATIONS & COMPLIANCES:

- Class I, Div 1&2, Groups B,C,D
- Class I, Zone 1&2 IIB + H₂
- Class II, Div 1, Groups E,F,G
- UL/cUL Listed
- Class II, Div 2, Groups F,G
- IP 65
- Class III
- NEMA 3, 4X, 7BCD, 9FG, 12

ELECTRICAL RATING RANGES:

- 120-volt AC supply
- Control relay interlocking contact: 15A at 277VAC; 10A at 600VAC
- Dual-tapped 240 and 480 VAC Step Down Transformer available
- Provides 4k ohms or less switching impedance

APPLICATIONS:

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



REPLACEMENT PARTS:

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



STANDARD MATERIALS & FINISHES:

- Enclosure: Copper-free aluminum with interior and exterior epoxy powder coat
- Clamp: Stainless-steel
- Clamp Grips: Polyvinylchloride dipped
- Gasket: Neoprene

OPTIONS:

- Internal space heaters to limit condensation buildup.....add suffix -R11
- Transformer suitable for both 220/240VAC or 440/480VAC applications add suffix -S883

ORDERING INFORMATION:

DESCRIPTION	CATALOG NUMBER
Indicator with two pilot lights*	EGL210-J1-J3

* Includes one red and one green pilot light



