# **ECL**Static Grounding Indicator

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





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 <sup>™</sup> 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 II, Div 1, Groups E,F,G
- · Class II, Div 2, Groups F,G
- Class III

- Class I, Zone 1&2 IIB + H<sub>2</sub>
- UL/cUL Listed
- IP 65
- 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

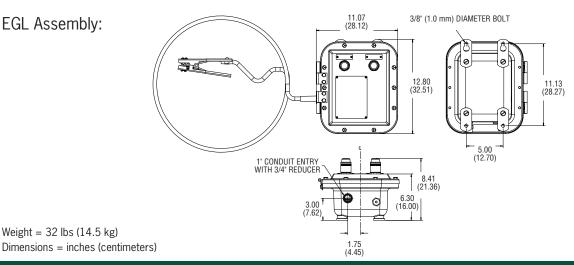
\* Includes one red and one green pilot light





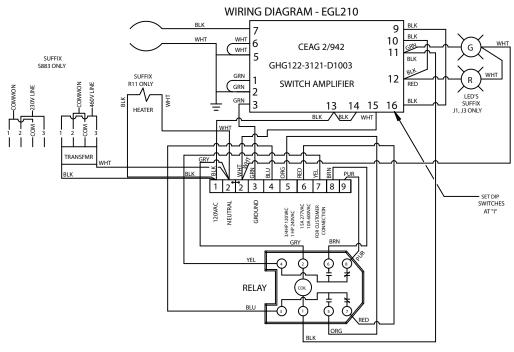
## Weight & Dimensions:





# WIRING DIAGRAM:

Weight = 32 lbs (14.5 kg)



#### For more information:

Distributed by:

Contact an authorized Cooper Crouse-Hinds Distributor, Sales Office or Customer Service Department:

#### In the U.S.:

Cooper Crouse-Hinds P.O. Box 4999 Syracuse, NY 13221 Toll Free: 866-764-5454 (315) 477-5531 FAX: (315) 477-5179

crouse.customerctr@crouse-hinds.com

#### In Canada:

Cooper Crouse-Hinds Canada Toll Free: 800-265-0502 (905) 507-4187 FAX: (905) 568-7048

For office locations outside of North America or for additional product information, visit our website at: www.crouse-hinds.com

Mexico • Latin America/Caribbean • Germany • Australia • Asia • Dubai • India





