

EGC Static Ground Indicators

Indicates safe static ground in hazardous locations.

CEC:

Class I Division 1 and 2, Groups C, D
Class II Division 1, Groups E, F, G
Class II Division 2, Groups F, G
Class III

CEC:

CSA Enclosure Type 3R
Exia

Applications

- Static grounding indicator is connected to tanker trucks, providing a positive ground prior to the dispensing of flammable materials.
- A positive ground safeguards trucks, railcars and loading racks from the accumulation of static charge during transfer operations.
- For use in tank vehicle transfer stations classified by CEC as Class I Division 1, Groups C, D; Class II, Division 1, Groups E, F, G; Class II, Groups F, G and Class III.

Features

- Two wire positive ground indicator system renders the pumping system inoperable without a positive ground.
- Intrinsically safe ground detecting circuitry.
- Supplied standard with two LED indicator lights. Red indicates unit is on but without a positive ground. Green indicates positive ground.
- Supplied with a 7.6 meter (25 foot) cord and heavy duty self release clamp.
- Release of the ground clamp opens the contacts, stops the product flow and is indicated by the red LED pilot light.
- Circuitry will control a pump, valve or indicating device such as light or audible warning device.
- Provided with internal ground lug.
- If any electrical connections fail (either in the enclosure or at the ground rod) the red indicator light will be on and the unit will not operate and switch to green; until the problem is solved.

Electrical Characteristics

- Line Voltage: 120 Vac.
- Control relay rating interlocking contact: 15 Amp at 277 Vac, 10 Amp at 600 Vac.
- Temperature limitations: -25 °C to +100 °C (-13 °F to +212 °F).

Standard Materials

- Enclosure, cover and clamp: copperfree (4/10 of 1%) aluminum
- Indicator lights: red and green LED
- All hardware (except clamp): stainless steel

Standard Finish

- Gray baked epoxy

Options

- Breather and drain, add suffix **-BD**.
- Heater and thermostat, add suffix **-HTR**.

CEC Certifications and Compliances

- CSA Standards: C22.2 No. 14M, C22.2 No. 25, C22.2 No. 30
- CSA Certified: 038339



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CONTROLS, NEG/CEC HAZARDOUS INDICATORS AND GROUNDING DEVICES

EGC Static Ground Indicators

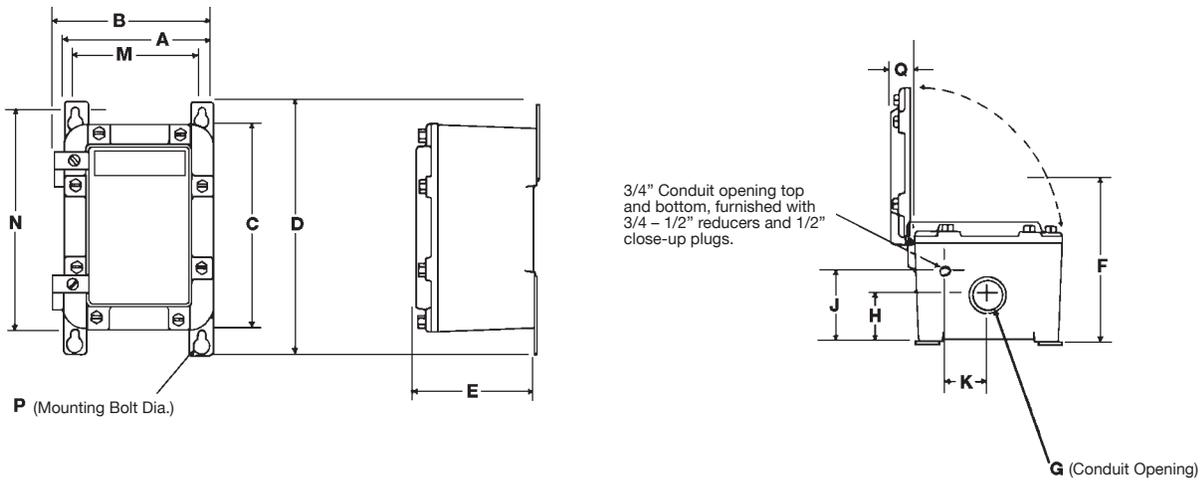
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Description	Catalog Number
Ground Indicator with 2 LED Indicator lights, Ground Clamp, 7.62 meters (25 feet) of cord, and ECC connector accessories	EGC210
Ground Clamp Replacement	EGCK1P
Ground Clamp, 7.62 meters (25 feet) of cord, and ECC Connector Replacement	EGCKECC

Dimensions in Millimeters (Inches)



A	B	C	D	E	F	G	H	J	K	M	N	P	Q
232	244	359	425	184	184	51	70	95	70	191	384	10	44
(9.13)	(9.63)	(14.13)	(16.75)	(7.25)	(7.25)	(2.00)	(2.75)	(3.75)	(2.75)	(7.50)	(15.13)	(0.38)	(1.75)

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