

**FOR IMMEDIATE RELEASE:**

## Earth Leakage Monitoring Relays



**August 8, 2018 - Buffalo Grove, IL** - CARLO GAVAZZI is proud to announce the launch of two new **Earth Leakage Monitoring Relays**, the **DEA71** and **DEB71**. When used in conjunction with a **CTG Series Core Balance Current Transformer** and appropriate circuit breaker, they provide machine protection against fault currents, and help to reduce fire hazards. These earth leakage relays react to small changes in current which can occur due to insulation or grounding failure.

Two models, each offering choices of threshold ranges, allow users to find the right solution for their unique requirements. The **DEA71** features fixed trip levels which offer time-saving installation, with a reliable tripping level and safety against tampering. The **DEB71** provides ability to adjust trip levels and includes an adjustable time delay; a lockable front cover provides further tamper protection.

A key advantage offered by **DEA71** and **DEB71** is avoidance of nuisance tripping in the circuit, in accordance with the EN 60947-2 Annex M norm. Two separate alarm outputs allow for a warning signal to be generated before a shutdown is necessary. Their compact (35mm wide) housing preserves valuable panel space.

The **DEA71** and **DEB71** from Carlo Gavazzi perform crucial monitoring of earth leakage, prolonging machine life by limiting damage from ground faults as well as reducing fire risk. They conform to global standards such as UL 508, CSA C22.2 and EN 60947-2 Annex M.

The features of the **DEA71** and **DEB71 Earth Leakage Relays** include:

- **DEA71** includes two models with fixed trip setting: 30 mA and 300 mA
- **DEB71** includes two models with adjustable trip levels: 30 mA to 5 A and 300 mA to 30 A
- 2 SPDT relay outputs, for warning and for alarm
- 24 VAC to 240 VAC power supply
- NORM DIN-rail housing 35 mm
- Lockable lid on adjustable models (DEB71)

The **Earth Leakage Monitors** and **Core Balance Current Transformers** are available from Carlo Gavazzi's network of sales offices and distributors in the Americas, or at [www.GavazziOnline.com](http://www.GavazziOnline.com).

Questions regarding this press release should be directed to: [Info@CarloGavazzi.com](mailto:Info@CarloGavazzi.com)

**CARLO GAVAZZI Inc.**, 750 Hastings Lane, Buffalo Grove, IL 60089  
Phone: 847.465.6100 Fax: 800.222.2659 Email: [Sales@CarloGavazzi.com](mailto:Sales@CarloGavazzi.com)

**CARLO GAVAZZI (Canada) Inc.**, 2660 Meadowvale Blvd., Mississauga, ON L5N 6M6  
Phone: 888.575.2275 Fax: 905.542.2248 Email: [Gavazzi@CarloGavazzi.com](mailto:Gavazzi@CarloGavazzi.com)

**CARLO GAVAZZI Mexico S.A. de C.V.**, Circuito Puericultores 22, Ciudad Satelite, Naucalpan de Juarez, EDOMEX CP, 53100  
Phone/Fax: 52.55.5373.7042 Email: [MexicoSales@CarloGavazzi.com](mailto:MexicoSales@CarloGavazzi.com)

**CARLO GAVAZZI Automação Ltda.**, Av. Francisco Matarazzo, 1752 Conj 2018, 05001-200 São Paulo SP  
Phone/Fax: 55.11.3052.0832 Email: [Info@CarloGavazzi.net.br](mailto:Info@CarloGavazzi.net.br)