FOR IMMEDIATE RELEASE:

3-Phase Monitoring Relay With NFC Configuration

February 1, 2017 - Buffalo Grove, IL – Carlo Gavazzi is pleased to announce their new DPD Series Three-Phase Monitoring Relay with NFC Configuration. This 3-phase voltage and frequency monitoring relay provides the utmost flexibility in very compact dimensions, as it offers a wide range of features in a mere 22.5 mm product width. It provides protection against phase reversal, phase loss and if the phase asymmetry, voltage or frequency measurements are not within the user-configured settings and/or thresholds.

The DPD Series settings can easily be modified through an Android App via smartphone/tablet or via a USB NFC Reader/Writer (part number ACR1252U) connected to a computer. Under and over threshold settings can be set, as well as hysteresis and time delays. They are uploaded into the DPD Series by means of its NFC configuration. Neither potentiometer settings nor DIP switches are used for the device set-up, and after it is set-up, it can be password protected, to ensure safety while in use.

The main advantage of the DPD Series is its high versatility and multifunction design. The set-up can be changed at any time and can be replicated, and stored on as many devices as needed. The set-points are extremely precise as they are digital, and much more accurate than they would be with potentiometer settings.

The DPD is widely considered a game-changer in monitoring relay technology, as the user can set up to ten alarm conditions, and then these alarms are combinable via AND / OR logic to provide up two relay outputs. This combined with the NFC configuration establishes Carlo Gavazzi as the market leader in monitoring relays.

This DPD Series has been designed to provide a highly accurate solution for most 3-phase load applications. Its versatility makes it ideal for generator sets, power generators, and pumps/compressors applications in the Lift/Elevator, Escalator, Materials Handling, and HVAC markets. They are also an excellent off the shelf solution for any electrical distributor, wholesaler or panel builder. Main technical features include:

- 3-phase voltage and frequency monitoring relay
- Nominal measurement range from 177-552 VACLL and 102-318 VACLN (Star or Delta mains)
- NFC configuration
- Adjustable set-points, hysteresis, delays, AND/OR logic
- Three diagnostic LEDs
- Operating frequency from 45 to 440Hz
- Two independent SPDT 8 Amp outputs


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