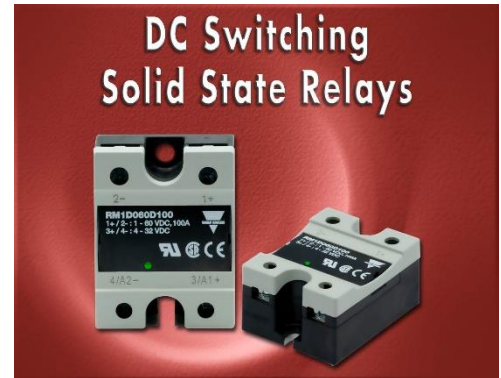


FOR IMMEDIATE RELEASE:

DC Switching Solid State Relays

- Low Power Dissipation and High Switching Frequency -



September 8, 2020 - Buffalo Grove, IL - CARLO GAVAZZI has launched the **RM1D Series**, a comprehensive family of DC switching solid state relays. The **RM1D Series** is designed for applications that demand critical response times, rapid cycling, and high reliability. They are ideal for use in transportation, off-grid and renewable energy systems that run off batteries, as well as DC heaters, solenoids, valves, fans, and other equipment that requires DC switching. Their low power dissipation output MOSFET creates superior thermal performance which reduces the size or even eliminates the need for a heat sink. The **RM1D Series** uses direct copper bonding (DCB) and a housing free of any molding mass to increase reliability and performance, making them the ideal solution for packaging, transportation, conveyors, plastics, and other industries and applications.

Features of the **RM1D** include:

- Maximum output ratings: 100A @ 60VDC, 50A @ 200VDC, and 10A @ 500VDC
- Low power dissipation output MOSFET
- Switching frequency up to 1,000 Hz
- 4-32 VDC control voltage range
- 100µs maximum response time
- 3750 Vrms isolation between input and output
- Diagnostic LED indicator
- Integrated overvoltage protection
- Clip-on IP20 protection cover
- Self-lifting terminals
- Agency approvals: UL, CSA, CE certification

The **RM1D Series Solid State Relays** are the best choice for switching DC loads while increasing reliability, reducing power dissipation, and improving reliability.

Questions regarding this press release should be directed to: Info@CarloGavazzi.com

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