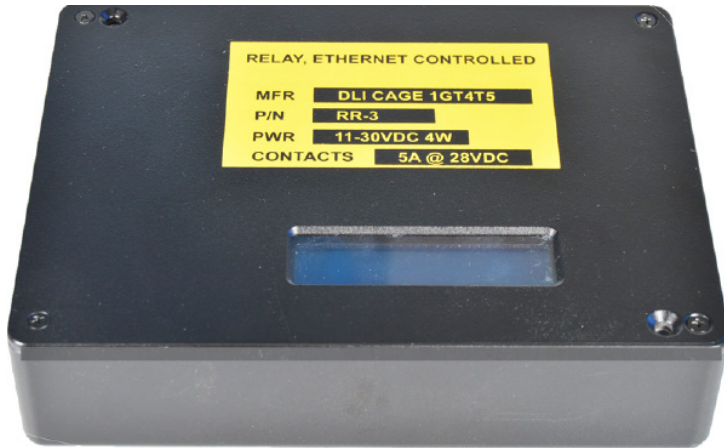# RUGGED REBOOT RELAY
Web , script, and automatic control.

Instantly reboot, start or stop equipment in remote locations. Control and reboot securely from a web browser or via program control. Increase uptime. Simplify wiring.

The rugged relay is a hardened version of our popular DIN relay. It's a low-cost, easy-to-use alternative to PLCs and PC-based controllers. Control one or hundreds of Ethernet relays from a single script. Access via the web from anywhere. Up to eight simultaneous control connections are supported by the internal web server in each relay.

Use the "Auto-Ping" feature to automatically monitor critical network devices, such as wireless access points, routers, IP cameras, mobile devices and servers. If a device goes down, the relay will automatically reboot it with no user intervention. "Locked-up" devices are brought back to life by power cycling Windows and SYSLOG utilities provide event notifications. The relay is fully compatible with other (non-WiFi) DLI power controllers.

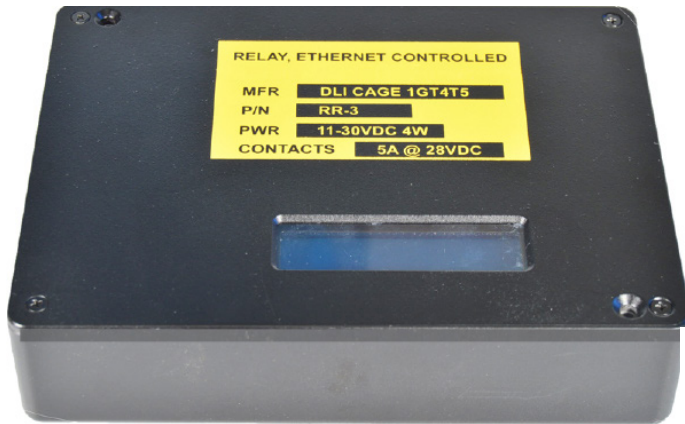The IP67 hermetic enclosure makes it ideal for industrial and mobile applications.

Eight individually controlled relays give you flexibility for almost any industrial application. Relays can be linked to high-current contactors to control larger loads.

Typical delivery is 30 days ARO, depending on component availability. MOQ is 50 units.
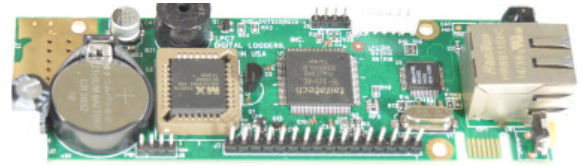
- Controls routers, access points, IP cams, machinery, industrial process equipment... almost any AC or DC device.

- Use scripts to automate control from remote LAN locations via LAN or WAN. An internal web server gives you manual or automated control from anywhere in your LAN or WAN.

- Clock / calendar with battery backup schedules events and starts user-defined scripts. Now includes NTP time sync.

- Easy-to-use scripting language, HTTP control system and user utilities are compatible with other DLI products.

- Control directly via web http requests, simple scripts, program control, or automatically with AutoPing. Supports SYSLOG and external Windows utilities.

- Eight sturdy SPDT dry-contact relays are individually controlled over Ethernet by scripts or web commands.

- 10/100 autosensing plug-and-play Ethernet connection with static IP allows connection anywhere on your LAN or WAN.

- Multiple power-up recovery modes include sequential on, all-off, last state, start script, etc.

- Switching power supply operates efficiently from any 12-28VDC negative ground supply.

- Comformally coated and sealed in a cast aluminum enclosure finished in enamel or optional CARC paint.
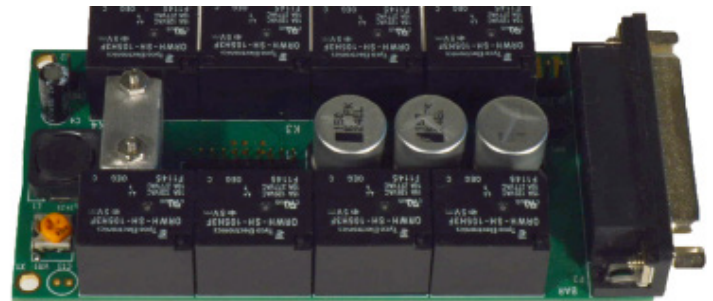
Rugged IP-67 Packaging

RELAY, ETHERNET CONTROLLED

MFR	DLI CAGE 1GT4T5
P/N	RR-3
PWR	11-30VDC 4W
CONTACTS	5A @ 28VDC

Proven Control Design

Durable Relays, Power Supply and I/O

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SPECIFICATIONS

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Connector (relays) Connector (net/pwr in)	DN series hermetic DB-25 DN DB-9
Clock Calendar	9s / week typical accuracy 10 year lithium battery backup supports NTP time sync
Dimensions (bare)	1.4 x 4 3x 6.7
Dimensions (shipping)	3 x 6.5 x13
Enclosure Material	Machined 6061 aluminum standard paint flat black, CARC special order
Ethernet Interface	10/100 autosensing, Static IP, TCP port selectable, internal EMI filters.
Input Voltage	11-28VDC via DB9 OVP @ 32V
Program Memory	Locked FLASH or optional OTP
Password Transmission	Encrypted, base 64 Movable HTTP port
Operating Temperature	-30º to 170ºF, -34º to 77ºC hermetically sealed and conformal coated, best suited for dry environments
Power Dissipation	3.8W Max (relays on) <2 W idle

Power Fail Hold-Over	200ms min. (24V, all relays on)
Power-Up Settings	Last relay settings, all relays off, return to pre-powerloss state, sequential ON or run user script
Relay Contact Rating	10A 277VAC 6A 28VDC derated to 5A for DB25 connector
Relay Part No	Tyco ORWH-SHS-105H3F or Potter Brumfield 1-1721150-0
Scripting Language	BASIC, supports AutoPing, SYSLOG, up to 63 concurrent threads
Software Controls (via web or script)	Individual relays on/off, all on/ network settings, web links, outlet and relay names, multiple power-on modes for safety
Switches & Reset	UVLO and reset, no external access
Users	Up to 8 simultaneous logins, subject to memory limitations
Vibration	Tested to ASTM D3580
Weight	Bare unit 1.86 lbs, Ship wt. 3 lbs

P/N RR3