

Resettable Emergency Call Point

Green Housing · DPDT · Backlit · 80 dB Buzzer · 12/24 VDC

RESETTABLE EMERGENCY DOOR-RELEASE CALL POINT

Overview

Resettable emergency door-release call point in a green ABS housing — the Gianni CP-32GBZ-LB pairs a hinged latching operating element with a clear flip-up cover, a blue-backlit press-here window, an integrated 80 dB piezo buzzer, and DPDT relay contacts. Designed for maglock-secured corridor doors in Australian schools, hospitals, aged-care, retail and commercial entries where a positive, audible, latching emergency egress action is required without breaking glass.

This device is NOT a fire-alarm call point and is not certified to AS 1670.1 / AS 4428. It signals an access controller's REX input or breaks a maglock+ feed directly via dry relay contacts; it does not interface with a fire indicator panel.

Technical specification

Reference	CP-32GBZ-LB
Manufacturer P/N	CP-32GBZ-LB
Manufacturer	Gianni Industries, Inc. (GEM brand line)
Product class	Resettable emergency door-release call point
Housing colour	Green (Red, White, Yellow, Blue available on request)
External dimensions	91 × 87 × 53 mm (with clear cover)
Operating voltage	12 or 24 VDC, J2/J3 jumper-selectable (default 24 V)
Contact configuration	DPDT — two independent NC / COM / NO contacts
Switch 1 rating	5 A @ 125 / 250 VAC (high-current)
Switch 2 rating	1 A @ 30 VDC (alarm / audit)
Contact resistance	100 mΩ
Backlight	Blue LED — illuminated press-here window
Buzzer	Built-in piezo, 80 dB (continuous when activated)
Cover	Clear hinged polycarbonate, flip-up
Operating element	Resettable hinged plastic (no glass to break)
Reset method	Resettable key (P-PL-CP-32-K) supplied
Terminal type	Screw terminal block, rear PCB
Mounting	Surface — two corner fixings (M3.5 / #6 screws)
Cable entry	Rear knockout
IP rating	Indoor only — no IP rating
Approvals	CE 332113
Patent	Taiwan Patent M444599
Country of manufacture	Taiwan
Warranty	12 months manufacturer warranty
Supplied by	Infront Technologies — Australia-wide

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For more information call or email — Australia-wide sales, technical support and warranty service.

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Wiring & installation notes

- JUMPERS J2 / J3: Set BOTH jumpers to match your supply voltage (12 V or 24 V). Factory default is 24 V. Mismatched jumpers will damage the unit on first power-on per the Gianni installation manual.
- POWER: 12 or 24 VDC supply (e.g. existing access-controller PSU or maglock power supply) → +V and 0V on rear terminal block.
- CONTROLLER REX (preferred): Switch 1 COM and NO → controller request-to-exit dry-contact input.
- DIRECT MAGLOCK DROP (no controller): Switch 1 COM and NC wired in series with the maglock+ feed so pressing the element breaks the supply and drops the lock until reset.
- AUDIT / ALARM (optional): Switch 2 (1 A @ 30 VDC) → controller alarm input or BMS audit point — every emergency egress event is then logged with a timestamp.
- SERIES CHAINING: For multiple call points on one door, wire Switch 1 NC contacts in series in the maglock+ feed. Pressing any one of them drops the lock. Contact resistance is 100 mΩ per unit so up to four units is fine on a single 12 V circuit.

INSTALLATION & SAFETY NOTICE

Low-voltage SELV device. The CP-32GBZ-LB is powered by 12 or 24 VDC from an existing access-controller PSU or maglock supply — there is no mains wiring inside the unit. Concealed security cabling is customer cabling under AS/CA S009 and must be installed by an ACMA-registered cabler. New mains feeds, GPOs and dedicated lock PSUs are the licensed electrician's job.

This device is NOT a fire-alarm call point and is not certified to AS 1670.1 / AS 4428. Whole-of-door fire-egress compliance under NCC E2.2a and AS 1851 must be confirmed by your fire-services certifier. Specifications supplied in good faith from the Gianni Industries manufacturer datasheet — verify against the latest revision before ordering.