'EVAC-ALERT' Evacuation Alert Panel to BS 8629 (in GERDA cabinet)

Part No. EAP2/8/CA/CHASSIS + EAPBOX



Overview

- A BS 8629 compliant evacuation alert panel ideal for use by firefighters in high-rise residential buildings to evacuate all or part of the building in an emergency.
- Housed in a robust vandal-resistant cabinet to STS 205 & EN 1303.
- Bright LED indicators, easy-to-operate evacuation toggle switches & a concealed maintenance interface.
- Firefighter controls FULLY compliant with BS 8629.
- Reliable hard-wired technology (for C-TEC's position on using wireless devices as part of an evacuation alert system/system of last resort download the white paper on our Evac-Alert overview page).
- Can be connected to self-testing evacuation alert sounders, visual indicators & vibrating pillow pads.
- Powered by C-TEC's powerful 'CAST' protocol & compatible with our ENVISION data management software.
- Customisable 'slide-in' floor/zone labelling system.
- EAP326/WS Evacuation Alert Panel Mains Keyswitch also available - allows the Mains supply to the panel to be switched on or off in accordance with BS 5839-1.
- For areas that are manned and/or not prone to vandalism, our EAP/CA/EA panel (supplied in a robust C-TEC cabinet) may be of interest.

More Information

Your EVAC-ALERT control panel will require a combination of the following items.

ORDER CODES	DESCRIPTION
EAP2/8/CA/CHASSIS	8 Zone 2 Loop EVAC-ALERT Panel Chassis c/w 5A PSU, CAST Protocol. Requires EAPBOX.
EAPBOX	'Gerda' Cabinet to house EAP2/8/CA/CHASSIS. Custom F&RS area specific 'N' security key required.
EAP02LOOP/CA	Loop card, provides two extra CAST protocol loops. Max. one per EAP2/8/CA/CHASSIS
EAP8SWITCH	Additional 8 Way Switch & Indicator Zone card. Max. 5 additional Zone cards per EAP2/8/CA/CHASSIS

Technical Specifications

C-TEC, Challenge Way, Martland Park, Wigan, WN5 0LD, UK
Telephone: **01942 322744**
Email: **sales@c-tec.co.uk**
c-tec.com

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Approvals/certifications	Designed to meet BS 8629. Power supply certified to EN54-4. External cabinet certified to STS205 Issue 4/BR2 BMTrada. Cabinet lock certified to EN1303
Protocol/compatibility	C-TEC CAST.
Mains supply	230V 50/60Hz.
Mains rated current	1.3A maximum.
Internal power supply	27.3Vdc +/- 1% nominal @ 20ºC.
Total output current limited to	5A @ 230Vac (4A with 1A battery charging).
Battery charge capacity	7Ah min to 17Ah max.
Quiescent current	Varies depending on the panel's configuration – refer to our ZFP loop/battery calculation tool for details.
Max battery size and type	2 x 12V 17/22Ah VRLA connected in series.
No. of loop drivers	2 (expandable to 4 using an EAP02LOOP/CA)
Max. loop output current	450mA (38V max).
Max. loop length	1KM.
Max. addressable devices per loop	255.
Auxiliary relays	2 x Programmable Relays (programmable from C&Es). 1 x Fault Relay (active when no faults are present). Volt free single pole changeover. Max. switch current 1A; Max. switch voltage 30Vdc.
Other outputs	24V Aux. Power (19.5V min, 28V max). Protected by a resettable fuse. Max. current 100mA.
Auxiliary inputs	2 x Programmable Inputs (programmable from C&Es). 470Ω to trigger. Max. input voltage 27V (non-latching).
PC connection	Via a galvanically isolated USB socket.
Pager/DECT connection	RS232. Requires a minimum of a BF874QAQ transmitter and a BF877QAQ display pager.
Graphics interface/diagnostics connection	RS485. Drax compatible. C-TEC ENVISION Cloud Enabled.
Network connection	RS485 hi-integrity multi-path fault tolerant network connection via optional ZHN network card. Max 64 network nodes.
Controls	User: Silence fault warning sounder, activate/deactivate alert devices. Maintenance: Interactive touchscreen with menu sensitive buttons; 1 x keyswitch allowing direct access to AL2.
Connections	Fixed, largest acceptable conductor size 2.5mm2.
Expansion connections	RS485 peripheral bus connection allows the connection of up to 15 'A-Bus' PCBs (2 control cores plus screen plus 2 cores for power).
Construction & finish	External: Silver grey steel RAL 9006 silver grey epoxy paint. Internal: Zinc coated mild steel, 1.2/1mm. Satin Light grey RAL7035 epoxy paint.
IP Rating	IP30.
Dimensions	741 W x 700 h x 200 D (TBC).
Weight	69 kg approx (without batteries).
Notes	“N” high Security keys included – contact our sales desk for ordering details.

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