



EUA-300

Single Loop Analogue Addressable Control Panel Expandable to 2 Loops

EUA-300 is a single loop Analogue addressable control panel which can be expanded to two loops. It provides a cost effective solution for small to medium sized installations. EUA-300 can support up to 125 addressable devices on each loop.

Using Eurotech advanced communications mechanism, up to 32 individually addressed Loop sounders can be connected to each of EUA-300 detection Loops.

The panel is equipped with a backlit LCD display of 4 rows each with 40 characters to give clear textual indications of Fire/ Fault occurrences to the end user. There are also 16 Zone Fire LED indicators.

EUAR-300 Passive and Active repeaters can be connected via an RS422/RS485, Fibre Optic or TCP/IP interface to facilitate remote display and control of the system.

An interactive graphic representation of the system can be displayed on the users' computer via EUN-GDMS graphical software (optional). All the devices on the system can be displayed on a building plan showing their status in real time. In the event of fire or fault the customer can control the system and access all the necessary information with a few mouse-clicks.

Automatic Device Detection at start up reduces time spent at the commissioning stage. In Installation mode EUA-300 detects and recognises addressed and connected devices with the system being fully operational in less than two minutes.

The default programming ensures that the system is ready to detect Fire/ Fault alerts from the moment that power is applied. Additional programming, to customise the system can be implemented using a laptop PC running the Eurotech Connector software.

▶ Key Features

- ▶ Single loop panel - Expandable to two Loops using EUALC-300 Card
- ▶ Supports connection to EUAR-300 via RS422/485, Fibre Optic or TCP/IP interfaces
- ▶ 125 Device addresses per loop
- ▶ 32 Individually programmable sounder addresses per Loop
- ▶ 96 Addressable ultra low current sounders or beacons per Loop. Only 64 of these units should be installed per loop when combined sounder beacons are being used. This number includes addressable, shadow, auxiliary and detector-sounder/ beacon versions of these units
- ▶ 2 Fire output relays (change-over) and 1 Fault relay (Normally closed)
- ▶ 2 Conventional alarm outputs (Individually programmable)
- ▶ Event log (rolling, 2000 entries)
- ▶ Backlit LCD display with 4 rows of 40 characters
- ▶ PC Programming using Upload/Download EUN-GDMS Connector Software
- ▶ PC Graphics package EUN-GDMS for alarm management and reporting (optional)
- ▶ Integrated 16 zone LED fire zone indication

Specifications

PRIMARY SUPPLY VOLTAGE - INPUT	230 +10% -15% V AC
PRIMARY SUPPLY CURRENT - OUTPUT	2.4 A @ 28.5 V DC nominal (max.)
SECONDARY SUPPLY VOLTAGE	21.0 Min. - 27.2 Max.V DC -BAT charger o/p 28 V DC
SECONDARY SUPPLY CURRENT OUTPUT	1.6 Amp Maximum @ 20°C
INTERNAL BATTERY CAPACITY - MAXIMUM	2 x 12 V 7Ah Sealed VRLA Lead Acid Batteries
LOOP CURRENT DRIVE	275 mA/Loop
AUXILIARY RELAY OUTPUTS	2 Fire (COM-NC-NO) - 1 Fault (COM-NC) non-supervised
CONVENTIONAL SOUNDER CIRCUITS	2 - 400 mA Max. current drive per circuit - Fully monitored.
MAX. HUMIDITY	95% RH Non-Condensing
OPERATING TEMPERATURE	0°C to 50°C
WEIGHT	2.0 Kg - 7 Kg (inc. 2 x 7 AH 12 V bat.)
DIMENSIONS	272 (W) x 404 (H) x 107 (D) mm

ORDERING INFORMATION

EUA-301	1 Loop FACP Expandable to 2 Loops.
EUA-302	2 Loop FACP
EUALC-300	Loop Card to expand EUA-301 to EUA-302