UNO-S
Addressable Fire Detection Panel

The UNO-S is an expandable Smart Addressable Control Panel which offers a modern enclosure design, ease of installation and commissioning, as well as simple out of the box operation. The unit is fitted as standard with 2 Smart Addressable Loops supporting WizPro 2 and later protocols, as well as Snido protocols.

Operation is intuitive, offering simple control and one- button disablement facilities, as well as sophisticated test routines, enabling the system operator to perform regular testing of the fire alarm system.

Standard programming permits "out of the box" operation with any detector, input or manual callpoint operation causing a Fire alarm condition triggering all sounders, conventional and addressable plus all outputs, conventional and addressable.

Complex cause and effect programming can be carried out at the panel using the easy-to-read graphic LCD display or using the ICE (Integrated Configuration Environment) tool.
There are two logs, one which stores all activations while the other store faults and other events together with a time and date stamp. The logs can be uploaded into ICE as an excel file for record keeping and to facilitate searching.

0370-CPR-6751
EN54-2
EN54-4

Key Features

- Fitted as standard with 2 Smart Addressable Loops
- Maximum 250 devices in each Smart Loop
- Expansion modules available 4 relay outputs or 4 additional sounder circuits
- Programmable delay timers
- Programmable Day/Night operation by day
- Multi-Language support
- Easy installation with simple address programming
- Advanced test mode
- 3 Programable Conventional Sounder Circuits
- 2 Programmable Relay outputs plus Fault output (N/C)
- 3 Auxiliary Supply Outputs, one of which is interrupted by panel reset
- Complex cause and effect programming
- 250 programmable zones
- 250 programmable sounder and 250 output groups
- 8 programmable disablement groups
- EN54-2, EN54-4 certified with APPLUS

TECHNICAL SPECIFICATIONS

SUPPLY SPECIFICATION

PRIMARY SUPPLY VOLTAGE - IN	110 to 240 V AC
PRIMARY SUPPLY VOLTAGE - OUT	28.5 V DC nominal
PRIMARY SUPPLY CURRENT - OUT	3.0 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	1.0 Amp Maximum @ 20ºC
INTERNAL BATTERY CAPACITY – MAXIMUM	2 x 12 V x 7 Ah Sealed VRLA Lead Acid Batteries
MAINS FUSE	4 A – 250 V Slow Blow – 20 mm
BATTERY FUSE	1.6 Amp Resettable
AUXILIARY SUPPLY OUTPUTS	2 + 1 Switchable during reset

SMART LOOP SPECIFICATION

NUMBER OF SMART LOOPS	2
LOOP CURRENT (MAX.)	400 mA
LOOP LENGTH (MAX.)	2000 m with cable 2.5 mm^2 cross section (Loop loading dependent)
DEVICES PER LOOP (MAX.)	250

OUTPUTS SPECIFICATION

AUXILIARY RELAY OUTPUTS	2 Fire (COM-NC-NO) Programmable, 1 Fault (NC)
RELAY CONTACT RATING	50 V DC - 1 Amp resistive loads
SOUNDER CIRCUIT SPECIFICATION	3 x 0.3A max. current / circuit - fully monitored
ALARM VOLTAGE / END OF LINE RESISTOR	27.5 V DC Nominal /10 K Ohms -1/4 Watt

PROGRAMMABLE INPUTS SPECIFICATION

INPUT 1	Non-Latching - Voltage free contact
INPUT 2	Non-Latching - Voltage free contact

MECHANICAL AND OPERATING SPECIFICATIONS

DIMENSIONS	385 (w) x 330 (h) x 95 (d) mm
MATERIAL / COLOUR	ABS - GREY RAL 7042
WEIGHT	2.2 Kg without batteries, 7 Kg with batteries (2x12V/7Ah)
OPERATING TEMPERATURE	-10ºC to 40ºC
HUMIDITY	Max 95% RH Non-Condensing

ORDER CODE

UNO-S	Smart Addressable Fire Detection Panel- 2 Loop
UNO-EXP-SNDR	Expansion Card - 4 Conventional Sounder Circuits
UNO-EXP-REL	Expansion Card - 4 Relays