



0370-CPR-6752
EN54-2
EN54-4

UNO-Lt

Conventional Fire Detection Panel

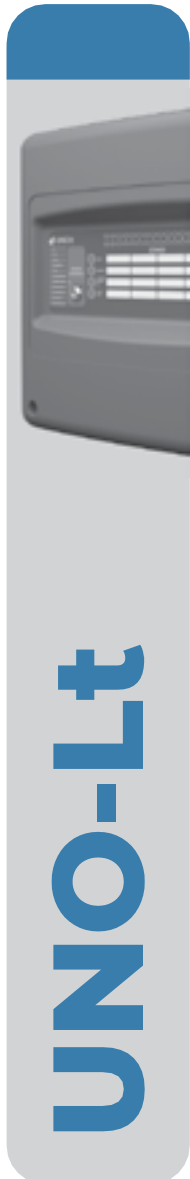
The **Uno-Lt** is an expandable conventional control panel offering an aesthetically pleasing and functional cabinet design providing ease of installation and commissioning, as well as simple operation. The unit can be expanded easily from 8 to 16 zones with the addition of two 4 conventional zone modules.

Fully functional “out of the box”, by default all sounders and outputs activate on alarm. Operation is intuitive, offering simple control and one-button disablement facilities, as well as a one-man test routine, which provides a highly effective way to perform regular testing of the fire alarm system.

Clear LED indicators to show Zone Alarm, Fault, Disabled and Test Conditions.

Key Features

- 4 zone control panels expandable to a maximum of 16 zones
- Maximum 32 devices in each conventional zone
- Expansion modules available include 4 conventional zones, 4 relay outputs or 4 additional sounder circuits. Panel supports up to 2 expansion modules
- Active or Resistive End of Line monitoring
- Programmable non-latching zones
- Programmable adjacent zone coincidence
- Programmable on/off delay timer per zone
- Easy installation - ready to operate out of the box
- Advanced test mode for field devices and panel testing
- 2 Programmable Conventional Sounder Circuits
- 2 Programmable Relay outputs plus Fault relay (N/C)
- 3 Auxiliary Supply Outputs, one of which is momentarily interrupted by panel reset
- 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 @ 20°C
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
SMART LOOP SPECIFICATION	
NUMBER OF CONVENTIONAL ZONES	8 (MIN.) 16 (MAX.)
ZONE CURRENT – QUIESCENT / ALARM	4 mA / 60 mA - Maximum
MAX. CABLE RESISTANCE / CAPACITANCE	40 Ohms / 0.470 uF
END OF LINE MONITORING	Active EOL - Capacitor OR Resistive EOL
BS-5839 DETECTOR REMOVAL COMPLIANT	YES (provided diodes are fitted to detector base)
DEVICES PER ZONE	32 Max. - EN54-2
ALARM RESISTANCE VALUE	270 -1000 Ohms
OUTPUTS SPECIFICATION	
AUXILIARY RELAY OUTPUTS	2 Fire (COM-NC-NO), programmable, 1 Fault (COM-NC)
RELAY CONTACT RATING	50 V DC - 1 Amp resistive loads
SOUNDER CIRCUIT SPECIFICATION	2 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
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	-10°C to 40°C
HUMIDITY	Max 95% RH Non-Condensing
ORDER CODE	
UNO-C	Expandable Conventional Panel
SMART-CARD-C	Expansion Card - 4 Conventional Zones
UNO-EXP-SNDR	Expansion Card - 4 Conventional Sounder Circuits
UNO-EXP-REL	Expansion Card - 4 Conventional Relays