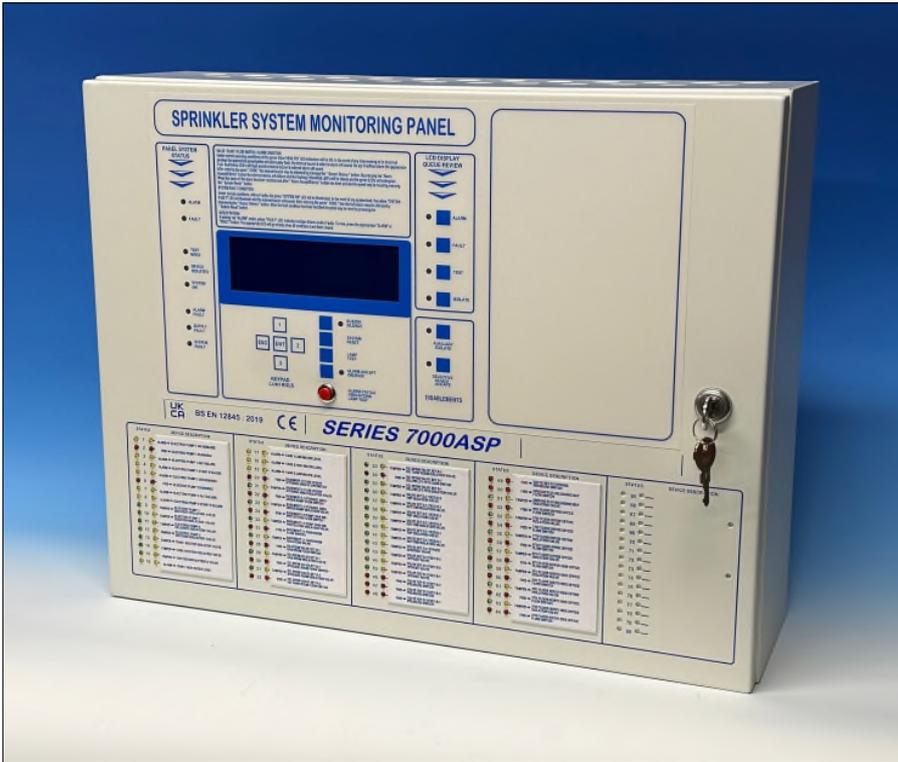


# SERIES 7000ASP ANALOGUE ADDRESSABLE SPRINKLER/LIFE SAFETY CONTROL PANEL



## FEATURES

- \* 1 to 4 Addressable Loops
- \* 125 devices addresses per loop Programmable across loops
- \* 2 Conventional Alarm Outputs
- \* Internal Alarm Sounder
- \* 3 Programmable CHO Contacts
- \* 1 Fault CHO Contact ( Fail Safe )
- \* Back-lit graphical LCD display
- \* Multi - Panel network by RS485
- \* Artwork Drawing for Approval
- \* Internal power supply with Standby SLA Batteries
- \* Panel supplied fully programmed
- \* Panel functions accessed via integrated keypad
- \* Up to 224 Device LED Indications
- \* Complies with BS EN12845 : 2015 (+A1: 2019)
- \* Can be used on Domestic/ Residential Occupancies to BS 9251:2021

## GENERAL DESCRIPTION

The Series 7000ASP range of Analogue Addressable Main Sprinkler/Life Safety Alarm Control Panels are designed to conform to BS EN12845 : 2015 (A1 : 2019) and for use on Systems to BS 9251:2021 (Domestic & Residential Occupancies). Available in 1 to 4 Loops and up to 224 Device Status Indication as standard using the meter bus protocol and based on the OCTO+ Addressable panel with various Internal Power supply ratings and Space for Standby Sealed Lead Batteries .

The panel is housed in an attractive metal enclosure with a hinged lockable door . All indications and controls together with user instructions are provided on the Front fascia . A bezel can be fitted to the back Box to enable the control panel to be Flush Mounted . Special colours or non standard finishes are available to special order .

A back-lit graphical LCD with 240x64 pixel display provides status and programmable location of each event .

Device status LED's for Valve being Green & Yellow (Normal/Tamper) . Flow/ pressure switch or Pump Run Status LED being Twin RED and Plant Alarm Status LED's being Twin Yellow ( Alarm) .

Any Device way can be configured for either Valve Status or Fire/ Plant alarm as per clients specification .

Location legends labels are provided and are removable.

The 7000ASP is supplied fully programmed prior to dispatch.

**An Artwork drawing will be provided for approval before manufacture.**

Auxiliary contacts are provided for any Common Valve/Flow switch or Plant Alarm ( 2 sets CHO) and 3 programmable Relays (1 set CHO for each) for Common Valve , Common Fire & Common Plant Alarm.

Local programming is achieved by the integrated keypad

Software is also available to provide uploading/downloading data from a PC via the interface connector.

Multi panel systems can be accommodated using a RS422 network connection, each panel having its own address.

Each of the panels in the system has in its internal configuration memory the complete information for the whole system so in the unlikely event of the loss of communication, there is no degradation in performance of the individual panels.

Repeater panels can also be connected into the system . Two types are available one with full device Status LED

Indication and the other with a LCD display , both types have full function controls and standard indications.

## AVAILABLE OPTIONS

- \* Flush Mounting Bezel
- \* Extra Programmable Relays
- \* Special colours & finishes
- \* Remote Power supply & Batteries
- \* Local Panels with loops via RS485 Network
- \* Repeater Panels Via RS485 Network

## TECHNICAL SPECIFICATION

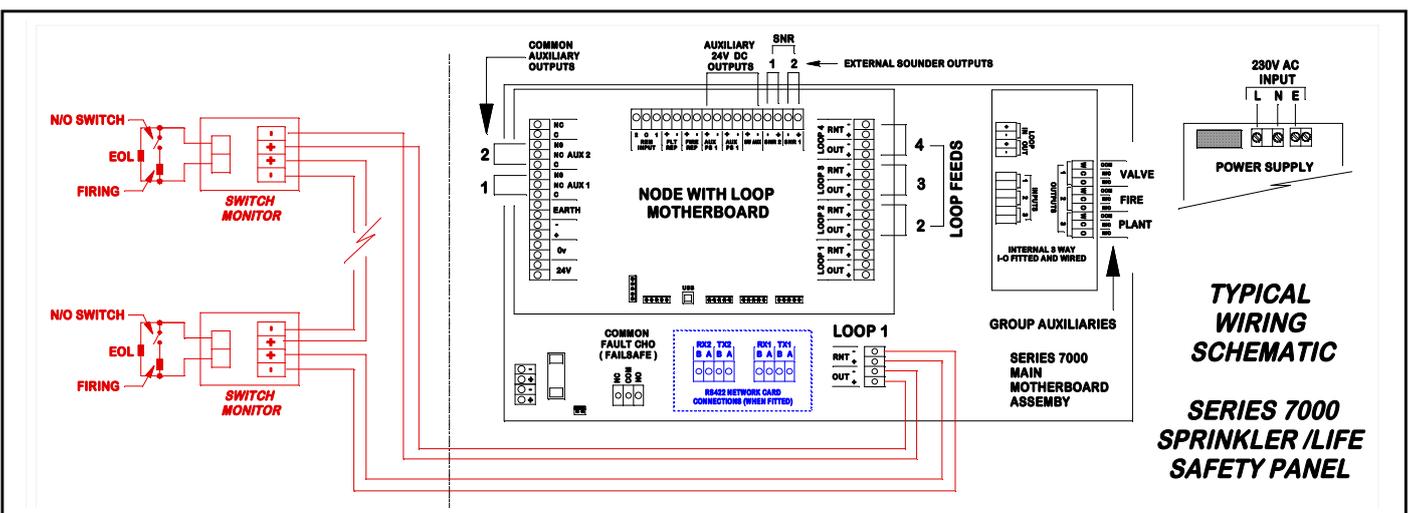
Mains Input	—	230v AC 50/60 Hz
Nominal panel voltage	—	24v DC
Supply rating / type	—	1.25 or 3 Amp SMPS Constant voltage with current limit & thermal shutdown
Auxiliary 24v DC Output	—	2 off monitored outputs with maximum limit 300mA
Standby current (Less Status LED's)	—	110 mA (1 Loop)
Alarm current (Less Status LED's)	—	140 mA (1 Alarm : Main Panel - 1 Loop)
Status Standby Current (per 16 way)	—	50 mA (50% Valve Status indications)
Status Alarm Current (per 16 way)	—	55 mA (1 alarm)
Maximum Loop current	—	150mA
Maximum number Loop devices	—	125 individually addressed
External Sounder Outputs	—	2 off reverse polarity type, fully monitored with EOL resistor 10K 1/4 watt Maximum rating per circuit 500 mA
Auxiliary—Common Alarm	—	2 Set CHO rated at 1 Amp 50v DC
Common Valve Alarm Auxiliary	—	1 Set CHO rated at 1 Amp 50v DC
Common Fire Auxiliary	—	1 Set CHO rated at 1 Amp 50v DC
Common Plant Alarm Auxiliary	—	1 Set CHO rated at 1 Amp 50v DC
Auxiliary - Common Fault	—	1 set CHO rated at 1 Amps 50v DC (normally energised -fail safe)
Data Loop Output	—	Multi-panel network by RS485 network card (4 core)
Construction	—	18 gauge sheet steel, powder coated semi-gloss Grey - White to RAL9020 with hinged lockable door and Blue screen printed lettering
Cable entry	—	Top entry with 20 mm diameter knockouts
Standby battery space	—	Accepts up to 2 off 12v 12 Amp/hr (00/01 Enclosure) or 18 Amp/hr (02 Enclosure) Sealed Lead Acid Batteries

### ENCLOSURE SIZES AND WEIGHTS (less standby batteries)

LOOPS/DEVICES	WIDTH	HEIGHT	DEPTH	ENCLOSURE REF	WEIGHT
1 Loop / 32 devices	405 mm	300 mm	125 mm	00	10.00 Kg
1-2 Loops / 80 devices	500 mm	400 mm	150 mm	01	15.00 Kg
2-4 Loops / 160 devices	500 mm	650 mm	150 mm	02	20.00 Kg
2-4 Loops / 244 devices	500 mm	650 mm	150 mm	02	25.00 Kg

### ORDER CODE DETAILS

**1 / 80 / 70 01 / ASP (Typical Code)**  
**Number of Loops / Number of Device LED's / 70 Enclosure Ref / ASP**



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