

SAP 1 Loop 16 Zone Addressable Sprinkler Monitoring Panel (C-TEC CAST protocol)

Part No. **SAP501E/CA**



Overview

- Ideal for monitoring up to 255 sprinkler flow switches.
- One CAST CA730 input output unit required per monitored flow switch.
- Utilises the same technology as C-TEC's popular XFP addressable fire panel.
- Up to 16 sprinkler zone indicators available (assignable via the panel's PC programming tools).
- Attractive flush or surface mountable plastic enclosure.
- Combined keypad or keyswitch entry.



More Information

Technical Specifications

Protocol/compatibility	C-TEC CAST.
Mains supply	230V 50/60Hz.
Mains rated current	350mA maximum.
Internal power supply	27Vdc nominal.
Total output current limited to	1.4A @ 230Vac (Imax.A 210mA; Imin, 40mA).
Quiescent current	50mA (loop unloaded).
Max battery size and type	2 x 12V 3.2Ah VRLA connected in series.
No. of loop drivers	1.
Max. loop output current	500mA (40V max).



Max. loop length	1KM.
Max. addressable devices per loop	255.
No. of conventional sounder circuits	2 (Max. length per circuit is 500m).
EOL resistor value	6800Ω 5% Tol. 0/25W (blue, grey, red, gold).
Max. sounder output current	400mA.
Auxiliary relays	3 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). Connect to 0V to trigger, Max. input voltage 27V (non-latching).
PC connection	PC connection via RS232 molex connector (supplied in XFP507 upload/download software kit); No printer connection available.
Indicators	2 line x 40 character backlit display; 16 Zonal LEDs, General Fire; Energised; Pre-Alarm; Remote Output Activated; Remote Output Disabled; Accessed; Disablement; Test; Silenced; General Fault; Syst
Connections	Fixed, largest acceptable conductor size 1mm ² .
Expansion connections	2-wire RS485 non-redundant network/repeater connection available via optional XFP761 network card. Max. 8 mains per network or 8 repeaters per non-networked main. Limit 1KM (main panel network) or
Product dimensions (mm)	380 W x 235 H x D 96mm (hole required for flush mounting = 367 W x 220 H x 75 D mm. No bezel required).
Construction & finish	Plastic lid and base; RAL7035 textured
IP Rating	IP30.
Weight	1.8kg (without batteries).
Operating conditions/temperature	-5°C to +40°C. Max relative humidity: 95%.



T 01942 322744 E sales@c-tec.co.uk
F 01942 829867 W www.c-tec.com



C-TEC, Challenge Way, Martland Park, Wigan, WN5 0LD United Kingdom