

Addressable fire detection and extinguishing control panel 1 Loop



Addressable fire detection and extinguishing control panel. The characteristics listed refer to the TSA1 EXTENDED set-up. Equipped with a detection loop and an Extinguishing Device Unit (EDU).

The detection loop can handle up to 199 detectors, 99 modules and 9 TSM1 modules (peripheral EDU extinguishing channels). 2 RS485 serial buses for expansion device connection, up to 5 devices chosen from: repeater panels and/or communication devices. Serial buses also allow you to connect the unit in a network of Tecnofire control panels.

The control panel manages 150 detection zones associated with 100 alarm plans, 8 time ranges. Advanced management with logic based on the application of formulas that dynamically relate the operating status of the system devices.

100 formulas. 100 Virtual detection zones. The control panel is equipped with 3 specialist signal outputs and 2 openly programmable signal outputs. The integrated EDU is equipped with: 3 conventional detection zone inputs, 7 controlled inputs for the management of the actuating and control devices, 2 controlled outputs for the management of the extinguishing valves, 2 controlled outputs for the management of the optical-acoustic alarm devices, 5 specialist signal outputs. Automatic or manual operating mode.

Extinguishing cycle with 5 execution modes. Centralised or local management of 10 independent EDU, with local or centralised extinguishing cycle control, also in switching execution mode. User interface: 4.3" colour display, soft touch programming and management keyboard, 33 signal LED. Multifunctional acoustic warning buzzer. System RSC® management: programming, remote management and control. Customisable or permanent four-year calendar management. Event memory managed in FIFO logic capacity 8192 events. Modular 2.7A switching power supply unit. Battery capability: 2 x 12V-7Ah.

ABS and steel casing. Surface mounting or via optional adapters in 19" rack casing. Protection rating IP3x. Available in the following colours: White, Grey, Red, Yellow. Dimensions (L x H x D) 440 x 345 x 146mm.

Approved EN 54-2: 1997+ A1:2006 - EN 54-4: 1997+ A2:2006 - EN 12094-1: 2003.

Certification 0051-CPR-2816.

MODELS											
Name	Item no.	Colour									
TSA1	TF1TSA1-UK	White									
	TF1TSA1Y-UK	Yellow									
	TF1TSA1R-UK	Red									
	TF1TSA1G-UK	Grey									