FIRE & EXTINGUISHING CONTROL – COMBINATION PANELS
RACK MOUNTABLE UNIT

PRODUCT CODE

TEC601

TEC601
19" RACK MOUNTABLE
FIRE & EXTINGUISHANT UNIT

FEATURES

- Fully self-contained fire detection and extinguishant unit
- Rack mount unit (2U)
- Third zone available for external use
- Air handling unit cut-off
- Potential free relay outputs for Fire, Fault and Discharge
- Built-in battery backup with intelligent battery charging and testing
- Built-in real-time clock with dedicated battery backup
- Monitored extinguishant, sounder and zone outputs
- Event memory log
- Battery fail detection and warning
- Tactile membrane keypad
- USB port

DESCRIPTION

The TEC601 is an all-in-one fire and extinguishing rack mountable control system designed to protect electronic equipment in 19" server room cabinets.

The unit is capable of detecting a fire and releasing either the built-in, or externally mounted, Stat-X aerosol generators. Signals can be sent to other devices from the relay outputs for Fire, Fault and Discharge conditions.

The Stat-X aerosol generator can easily be replaced after a discharge to minimise any down time. There is also a feature available to wire an external detector or linear heat detection as a third detection zone.

An air handling unit can also be connected through the device to allow the air ventilation system to be cut off during a fire.

The Stat-X aerosol generator is a self-contained stainless steel extinguishing unit that, when activated, produces an ultra-fine aerosol extinguishing agent that is significantly more effective than current available alternative extinguishing agents.

TECHNOSWITCH
FIRE DETECTION & SUPPRESSION

SPECIFICATIONS

Normal Operating Voltage	220 to 240 V AC
Quiescent Current	50 mA
AC Input Voltage Fuse	1.0 A
DC Input Fuse	2 A
Maximum Discharge Current Output	2 A
Battery Backup	2x 1.2 Ah for 4 hour backup
Battery Backup - RTC	3 V Coin type battery
AHU Output Follows Supply Voltage	230 V AC, 5 A max
USB Port	Type B receptacle
Output Relay Specs	30 V DC 2 A
Fire Output Relay Dry Contacts	Normally Open / Normally Closed / Common
Fault Output Relay Dry Contacts	Normally Open / Normally Closed / Common
Discharge Output Relay Dry Contacts	Normally Open / Normally Closed / Common
External Monitored Sounder Output	21 V DC, 50 mA
Unit Indicators	Power On, General Fire, General Fault, System Fault, Supply Fault, Sounder Fault, AHU Supply On, AHU Supply Off, Release Initiated, Extinguishant Released, Fault, Automatic & Manual, Manual Only.
PCB (LED) Internal Indicators	AC Out Enabled, Input Power, Charger Enabled, Mains Fail, Battery Load Fail, Battery Faulty, Charger Fail, Mains High/Low, +3 V DC, +24 V DC.
Smoke Detectors	1x Apollo S65 Optical Smoke Detector 1x Apollo S65 Ionisation Smoke Detector
Extinguishant	Stat-X Aerosol Generator (to be ordered separately) *Note:* Compatible with Stat-X only!
Weight (excl Stat-X)	10 kg

ORDERING INFORMATION

Product Code	Product Description
TEC601	Rack Mountable Fire and Extinguishant Control Unit (excl Stat-X Aerosol Generator) *Note:* Please refer to the TEC601 Product Manual for guidance on the correct size Stat-X unit to be used.
SX-S100E	Stat-X Aerosol Extinguishant 100g
SX-S60E	Stat-X Aerosol Extinguishant 60g
SX-S30E	Stat-X Aerosol Extinguishant 30g

SPARES

Product Code	Product Description	Product Code	Product Description
PCB-TEC601-DIS	TEC601 Display PCB	PCB-TEC601-MAIN	TEC601 Main PCB
MEM-TEC601	TEC601 Membrane	HAR-TEC601	TEC601 Cable Harness Kit
TEC601-MCP	TEC601 Spare Manual Call Point Cover		

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