



FIRE CONTROL PANELS – CONVENTIONAL

TC800PLUS FIRE CONTROL PANEL



TC808PLUS FIRE CONTROL PANEL

FEATURES

- Fully approved to EN54-2 & EN54-4
- Expandable to 16 zones (in 4 zone models)
- 4 monitored sounder circuits (expandable to 8)
- 8-way relay module (optional)
- Memory logging module (optional)
- Repeaters available
- Class change input
- Attractive, modern design
- Installer-friendly
- One man walk-test

DESCRIPTION

TC808Plus is an 8 zone conventional fire detection and indication panel certificated to EN54-2 and EN54-4. The panel has 8 fixed zones and is expandable to up to 16 zones. Provision has also been made for the connection of repeater panels.

The TC808Plus is based on a modular principle: a power unit, a control panel, zone/sounder expanders, an indication module, and battery space. A detailed LED indication shows the status of the system.

All zones and sirens within the system can be eliminated/bypassed. Relay outputs, associated with each system zone, can also be added to the system with the help of additional MR8 modules.

The panel has been designed to operate with one 12 V / 18 Ah battery back-up power, reducing the costs by the value of one battery per system.

The TC808Plus is ideally suited to big office buildings, schools, supermarkets, and areas exceeding 3,000m².

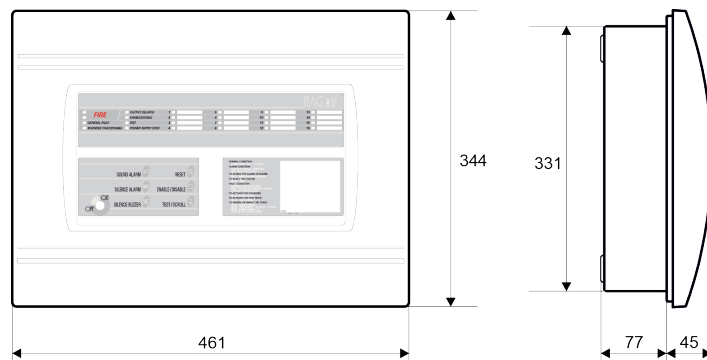


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SPECIFICATIONS

Main Power Supply	230 V AC ($\pm 10\%$), 2 A fuse, T-Type
Standby Power Supply	1x 12 V / 18 Ah, 7 A Fuse, Resettable (PTC)
Consumption from 230 V in Normal Working Mode and a Fully Charged Battery:	
	With 1 Zone Expander (4 zones) 2.1 V A
	With 4 Zone Expander (16 zones) 4.2 V A
Consumption from the Battery at Mains Power Supply Failure in Normal Working Mode:	
	With 1 Zone Expander (4 zones) 130 mA
	With 4 Zone Expander (16 zones) 260 mA
Consumption from the Battery in Fire Alarm Condition:	
	With 1 Zone Expander, Fire in 1 zone 330 mA
	With 1 Zone Expander, Fire in 4 zones 720 mA
Sounder Circuits SND1 to SND4	+24 V / 0.3 A, Resettable (PTC) Fuse
Fault Relay, Volt Free Changeover Contacts	+12 V / 1 A or 24 V / 0.5 A VMAX = 125 V; IMAX = 2 A
Fire Relay, Volt Free Changeover Contacts	+12 V / 1 A or 24 V / 0.5 A VMAX = 125 V; IMAX = 2 A
Auxiliary Output	24 V DC, 0.3 A Fuse, Resettable (PTC)
Working Temperature	-5 to 40 °C
Storage Temperature	-20 to 60 °C
Humidity	0 to 93%
Dimensions (mm)	461 x 344 x 122
Weight (excl. Batteries)	± 4 kg



ORDERING INFORMATION

Product Code	Product Description
TE-TC808P	TC808Plus 8 Zone Panel (expandable to 16 zones)
TE-TC808P-ML	Memory Logging Module for TC808Plus
TE-TC808P-ME4	4 Zone Expansion Module for TC808Plus
TE-TC808P-MS4	4-Way Sounder Expansion for TC808Plus
TE-TC808-MR8	8-Way Relay Expansion Module 4 TC808Plus

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