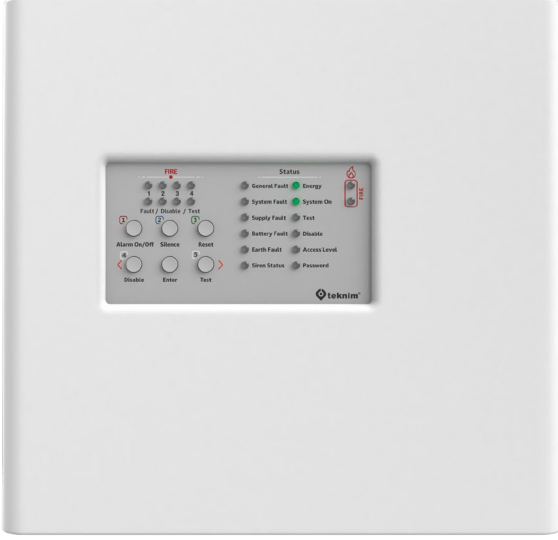


TFP-4408P

8 Zone Conventional Fire Alarm Panel, Plastic Case

TFP-4408P supports 8 zones and maximum 32 Conventional detectors and manual call points. It is the first choice of professionals with its ABS plastic body design, easy installation, and high performance.



EN 54-2

EN 54-4

Genel Features

- Compliant with EN 54-2 and EN 54-4.
- Fully Monitorable 8 Zone Capacity
- Maximum 32 Conventional Detectors and manual call for Each Zone
- User-friendly, Easy to Manage Indicator Panel
- Separate Fire and Error LEDs for Each Zone
- Smart Battery Charging Feature Extending Battery Life
- Smart Start Feature that Prevents Direct Starting from the Battery
- Walk-through Test Function that can be Performed by a Single Person
- Disabling of Each Zone Individually
- Supervision for Siren Outputs and Zone Inputs Against Faulty
- Connections with EOL Resistances
- 2X500mA Siren Outputs
- 24VDC 500mA External Supply Output with Automatic Fuse (AUX)
- 1X NC/NO Fire Relay (Button alarm, detector alarm, etc.)
- 1X NC/NO Error Relay (Energy failure, zone failure, battery failure etc.)
- Supervision for Siren Outputs and Zone Inputs Against Faulty
- Key Lock to Prevent Unauthorized Access
- Switch Mode Power Supply (SMPS) (24VDC SMPS 1.5Ah Automatic Fuse)

Technical Specifications

| | TFP-4408P |
|---|--|
| Supply | |
| Voltage | 230 / 115 VAC (+%10 / -%15) |
| Frequency | 50 / 60 Hz (±%5) |
| Mains Input Fuse | 2A |
| Output Voltage | 24 VDC ± %2 |
| Output Fuse | 4A (F1) |
| Cable Type | 3 x 1,5mm ² (Phase, Neutria, Ground) |
| Battery | 2x12V, 7Ah - 2x12V, 7.2Ah |
| Battery Cut Off Voltage | 20,5 V |
| Battery Internal Resistance Fault | Resistance > 1,5 ohm |
| Greatest Current to be drawn from the Battery | When the main power source is not connected 2A |
| Battery Fuse | 1,8A (F2) |
| Charging Voltage | 27,6 Vdc @20°C, with heat compensation |
| Charging Current | 500mA (resistance limited) |
| Imin | TFP-4408P - 75mA |
| ImaxA | 500mA |
| ImaxB | 1,5A |
| Outputs | |
| Supervised Siren Outputs | 2 pcs. 24Vdc (Caution: The output current of the panel should not exceed 1.4 A) |
| Siren Fuse | 2 pcs 500mA (F5-F6) |
| Siren End-of-line Resistance | 4K7 ohm, %1, 1/4W |
| General Error Relay | 1 pcs NC/NO dry contact, 30V, 2A |
| Fire Relay | 1 pcs NC/NO dry contact, 30V, 2A |
| Auxiliary Output (AUX) | 1 pcs 24Vdc/450mA (Caution : The output current of the panel should not exceed 1.4A) |
| AUX Fuse | 1 pcs 500mA (F3) |
| Zone Information | |
| Number Of Zones | 8 |
| Number of Detectors | 32 pieces per zone |
| Output | 24Vdc/450mA |
| Output Fuse | 1 pcs 500mA (F4) |
| Cable Resistance | 40 ohm (Maximum) |
| Cable Length | 1,5 km 1,5mm ² cross-section (Maximum) |
| End Of Line Resistance | 4K7 ohm, %1, 1/4W |
| Cable Type For zone | 2 x 0,8mm ² J-Y(St)Y...Lg, 2 x 1,0mm ² J-Y(St)Y...Lg 2 x 1,5mm ² J-Y(St)Y...Lg (Recommended), 2 x 2,5mm ² J-Y(St)Y...Lg |
| Environmental Conditions | |
| Temperature | -10°C ~ +55°C (14°F ~ 131°F) |
| Humidity | 95% RH (Maximum) |
| IP Class | IP30 |
| Mechanical | |
| Body Material | Plastic, ABS |
| Dimensions (mm) | 340 x 360 x 108 |
| Weight (Without Battery) | 2,025 kg |