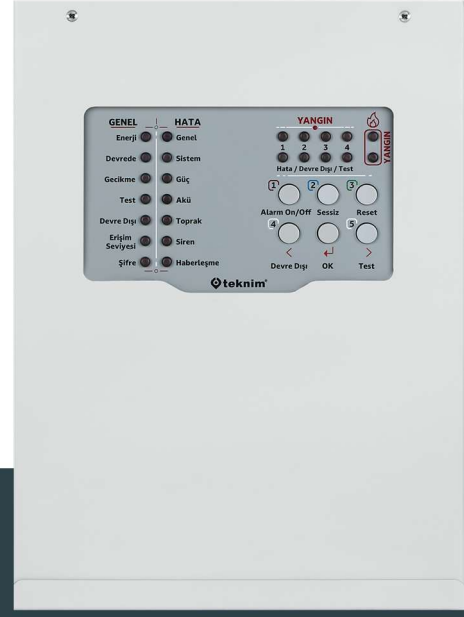


TFP-3124

4 Zone Conventional Fire Alarm Panel


teknim®



EN 54-2 and 54-4 certificates.

2-zone and up to 32 detectors can be connected to each zone.

GENERAL FEATURES

- EN 54-2 and 54-4 certificates
- Up to 32 detectors can be connected to each zone
- Ability to distinguish between button and detector alarm
- Control and receive real-time notifications via a web browser or mobile application using TXM-5271 (Ethernet) or TXM-5474 (LTE) modules
- Ability to send SMS using the TXM-5474 LTE module
- Ability to define a general delay time between 1 to 10 minutes
- Easy programming with operation codes
- Zones with "Fire and Fault/Disabled/Test" LEDs.
- Clear and understandable system structure with error, warning, and alarm indicator
- Intelligent charging system that extends battery life, with a smart shutdown feature to protect the battery when the voltage drops below 10.5 VDC
- Zone testing feature with end-of-line resistors for supervision against incorrect connections for siren outputs and zone inputs
- 24 VDC 300mA automatic fused external power output (AUX)
- 1 NC/NO alarm relay (for button alarms, detector alarms, etc.)
- 1 NC/NO fault relay (for power failure, zone fault, battery fault, etc.)
- Ability to disable desired zone
- Switching power supply
- Metal enclosure
- Used with 1 piece of 12V 7Ah battery

Technical Specifications	TFP-3124
Supply	
Voltage	230 / 110 VAC (+%10 /-%15)
Frequency	50 / 60 Hz (±%5)
Main Input Fuse	2A
Output Voltage	24 Vdc ± %2
Output Fuse	1.5A
Cable Type	3 x 1,5mm ² (Phase, Neutral, Earth)
Battery	1 x 12V, 7Ah dry type leak-proof (Recommended Yuasa NP7-12, 12V7Ah)
Battery Cut off Voltage	10.5 V
Battery Internal Resistance Fault	Resistance > 2,2 ohm
Greatest Current to be drawn from the Battery	When the main power source is not connected 900mA
Charging Voltage	13.6 Vdc (25 °C) (Depends on temperature.)
Charging Current	500mA
Outputs	
Supervised Siren Outputs	1x 24Vdc (Caution: The output current of the panel should not exceed 900mA)
Siren Fuse	1x 300mA
Siren End-of-Line Resistor	4K7 ohm, %5, 1/4W
General Fault Relay	1 x NC/NO dry contact, 30V, 2A
Alarm Relay	1 x NC/NO dry contact, 30V, 2A
Auxiliary Output (AUX)	1 x 300mA
Cable Type for Outputs	2 x 0,8mm ² J-Y(St)Y...Lg 2 x 1,5mm ² J-Y(St)Y...Lg (Recommended)
Zone Information	
Number of Zones	4
Number of Detectors	32 pieces per zone
Output	24Vdc
Maximum Output Current per Zone (Short Circuit)	54mA
Cable Resistance	40 ohm (maximum)
Cable Length	1,5 km 1,5mm ² (maximum)
End Of Line Resistance	4K7 ohm, %5, 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

Housing Material	Metal, RAL7035 Texture
Dimensions (H x W x D)	300 x 220 x 85 mm
Weight (Without Battery)	2,15kg

