

TFP-4404P

4 Zone Conventional Fire Alarm Panel, Plastic Case

TFP-4404P supports 4 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 4 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-4404P
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-4404P - 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	4
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