

TFP-1212

2 Loop Intelligent Addressable Fire Alarm Panel



TFP-1212 Intelligent Addressable Fire Alarm Panel uses unique FLASHLINK protocol for loop communication which created by Teknim engineers. Supports 2 loop, 240 devices per loop and network up to 16 control panels. It offers stable and reliable solutions for working in harsh environments.

TFP-1212 comes with an LCD graphic display onboard to easily understand the error and alarm warnings and to make all the settings of the device. TFP-1212 also supports built-in LAN network connection which allows local or remote configuration / monitoring by Teknim TFY-100 configuration software and Mosaic monitoring software.

TFP-12XX Fire Alarm Panels are designed in accordance with European Standards which supports EN54-2 and EN54-4 Certificates.



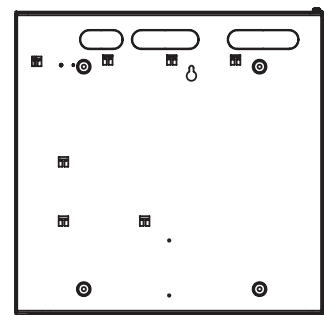
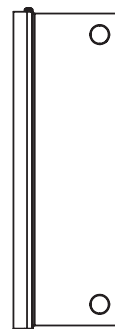
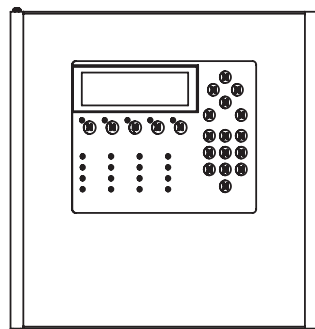
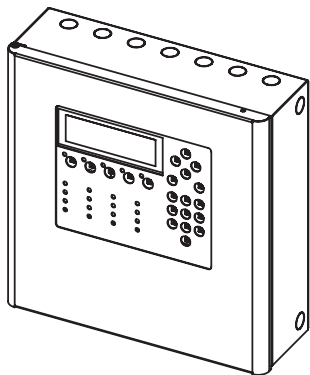
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GENERAL FEATURES

- EN 54-2 and EN 54-4 Certified
- Technician and user friendly; easy to install, programming and operation
- Supports 2 Loop
- Supports 240 Devices per Loop and totally 480 Devices in a single Panel
- Supports up to 72 Zone
- Cable distance up to 2,5 Km per loop
- Network up to 16 Control panels via RS-485 by TFC-1209 Network Module
- Up to 7.680 devices and 1.152 zones by network (Using optional TFC-1209 Network module)
- Easy to read, 240*64 wide LCD graphic display and user-friendly interface
- Display customize with company logo, contact information, images, etc.
- Same level of accessibility and command sending to all panels via peer-to-peer communication network
- Supports uninterrupted and reliable loop communication by FlashLink communication protocol
- Advanced panel programming and user-friendly system configuration via TFY-1000 software
- Supports Repeater panels TFP-1240
- Supports 12.000 events of alarms, errors, and warnings
- Supports 2x independent and monitored siren output. Connection up to 50 conventional sirens without external supply. (If used with Teknim TFS-3192 siren).
- Detailed voltage/current information of the panel and loop on the LCD display
- Night/Day operation mode
- Supports Class A and Class B connections, thus new devices can be easily included in the loop via star connection in mandatory cases required for the Project
- Multiple language support



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2 Loop Intelligent Addressable Fire Alarm Panel Technical Specifications



General	TFP-1212
Standard	EN54-2/4
Ethernet (TCP/IP)	Yes
Multiple Language	Yes
Display	240x64 LCD
Programming	Through Control Panel or via TFY-100 Software
Loop Information	
Loop	2
Number of Devices Supports Per Loop	240
Total Device Support	480
Number of Zones	72
Cable Distance	J-Y(St)Y...Lg 1000mt @ 0,8mm (@250 mA) 2000 mt @ 0,8mm (@75 mA) 2000 mt @ 1,5mm (@250 mA) 2500 mt @ 2mm (@250 mA)
Network	
Protocol	TdNET (RS-485)
Max. Panel Network	16 (TFC-1209 Network Card Needed)
Mechanical	
Dimensions (mm)	385 x 380 x 130 mm
Body Material and Color Options	Metal Light Grey – TFP-1212 Red – TFP-1212R
Weight	6,5Kg (Without Battery)
Environmental	
Operating Temperature	-10°C ~ 55°C
Humidity	95% RH
Protection Class	IP30
Power	
Power	230 / 110 VAC (+%10 / -%15)
Frequency	50 / 60 Hz (±%5)
Fuse	6A
Battery	3 x 1,5mm ²
I _{min}	130 mA
I _{maxA}	1A
I _{maxB}	1,5A
Outputs	
Monitored Sounder Output	2
Sounder Output	500 mA
Sounder EOL	4K7Ω
General Fault Relay	1X NC/NO, 30V – 2Ah
Alarm Relay	1X NC/NO, 30V – 2Ah
AUX	1X 24VDC – 500mA