TFP-1145

Repeater Panel



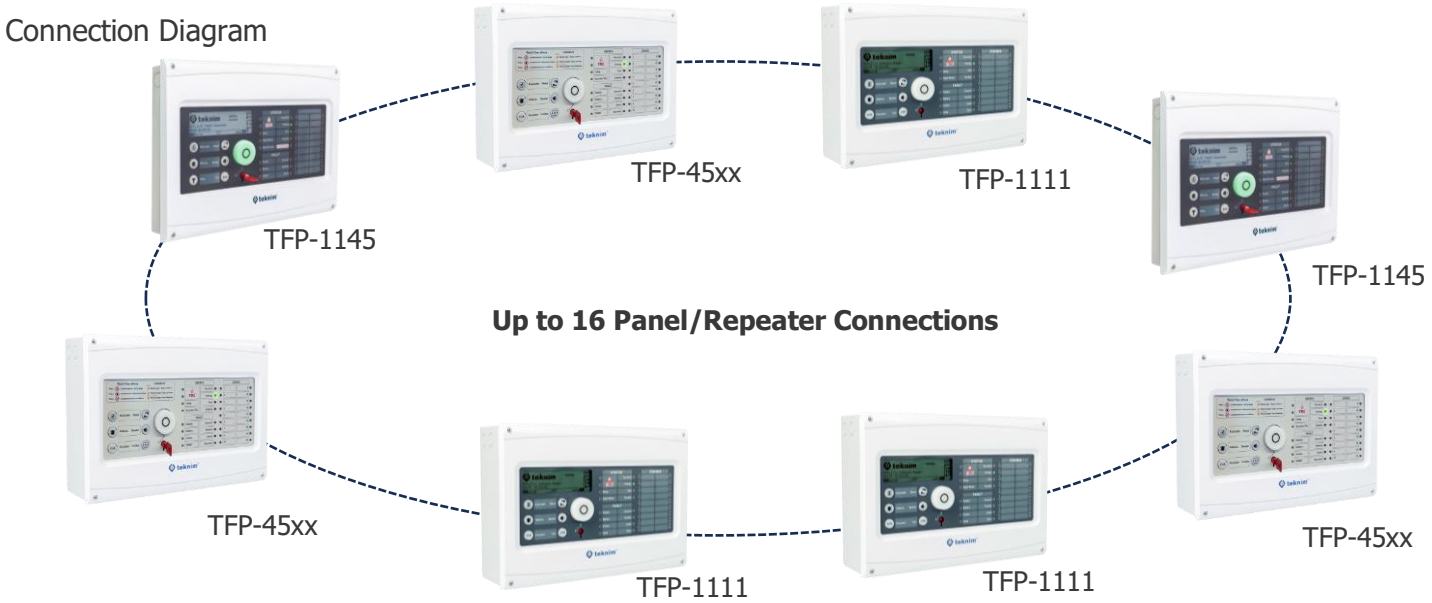
The TFP-1145 repeater panel is designed to be compatible with the TFP-1111 compact intelligent addressable fire alarm panel and TFP-45xx series conventional fire alarm panels. It enables live communication with up to 16 panels or repeaters simultaneously via the TdNET line.

Enables real-time communication with up to 16 panels or repeaters simultaneously over the TdNET line. Thanks to the live event filtering feature, events belonging to the desired panel can be easily viewed. Connection losses of panels and repeaters on the TdNET line are instantly detected and displayed as a fault condition. Authorized control commands can be securely transmitted using the Level 2 access key. Ring and Bus topologies are supported with Class-A and Class-B connection options.

Features

- Compatible with TFP-1111 compact intelligent addressable fire alarm panels and TFP-45xx series conventional fire alarm panels
- Supports connection of up to 16 panels or repeaters via the TdNET line
- Class-A and Class-B connection options
- Ring and Bus topologies
- Panel and repeater connection loss detection
- Panel-based live event filtering
- Endpoint/zone disable control
- Panel-based siren disable control
- Panel-based day/night mode control
- Panel-based selectable evacuate/reset/siren silence/buzzer silence commands
- Panel-based communication module disable control
- 16 configurable indicators for specific panels, zones, and endpoints
- Backlit silicone buttons
- Level 2 access key
- General fault relay output
- 2 configurable general or panel-based relay outputs
- 240×64 graphic LCD display
- Multi-language support
- Built-in buzzer
- Support for software updates via USB
- Isolated TdNET communication line
- Support for configuration via USB with the Mosaic Local Configuration and Monitoring software
- Discovery feature for collecting all panel, zone, and endpoint labels in the field
- Automatic synchronization of company logo and contact information with the main panel

Connection Diagram



Teknim Elektronik SAN. ve TİC. A.Ş

Dudullu Organize Sanayi Bölgesi 1.Cadde No:6/1 Ümraniye-İSTANBUL

P: +90 (216) 455 88 46 - sales@teknim.com
www.teknim.com

Technical Features

TFP-1145	
SUPPLY & POWER	
Supply Voltage	24±4 VDC
Operating Current	150mA
COMMUNICATION	
Device Capacity	Up to 16 Panels/Repeaters
Communication Protocol	TdNET (over RS-485)
Distance	1000 Meters (max.)
RELAY OUTPUTS	
Number of Relays	3 (1 General Fault, 2 Programmable)
Relay Contacts	30 VDC, 2A (max.)
ENVIRONMENT	
Operating Temperature	-5°C ~ +40°C
Operating Humidity	95% RH (max.)
IP Class	IP30
Dimensions	376 x 267 mm
Material	Metal Body / ABS Cover

Teknim Elektronik SAN. ve TİC. A.Ş

Dudullu Organize Sanayi Bölgesi 1.Cadde No:6/1 Ümraniye-İSTANBUL

P: +90 (216) 455 88 46 - sales@teknim.com
www.teknim.com