



FI6001 is 24-ch dry contact extender designed to **expand the trigger input capacity of the FI6000 MK II unit**. It is ideal for large buildings with **multiple fire alarm zone** that require additional input channels for **phased evacuation control**.

Compliant with EN54 and BS5839 Part 8 for phased evacuation, it works seamlessly with Amperes zone decoders (TD6240/TD6400), zone selectors (ZS5121), sirens (EP1200), and EVAC message players (MR1301 MK II) for complete evacuation control.



Key Features

- 24 dry contact inputs for fire alarm and emergency triggers
- Expandable up to 144 channels with FI6000 MK II (master) via RS485
- Bi-colour LED indicators for channel status monitoring
- Runs on 24V DC with low power consumption
- Output contacts for activating external devices
- Rear reset button for quick reset and address setting

Technical Specifications

Operating voltage	24V DC (1A)
Power consumption (DC)	0.6W (Idle), 4.2W (Active)
Current consumption (DC)	25mA DC (Idle), 175mA DC (Active)
Data connection	RS485: 2-way Phoenix connector, 115.2 kbps
Inputs (Trigger)	24 channels (dry contact)
Output contact rating	24V DC / 120V AC, 3A
Output contact models	ON/OFF
LED indicators	24 input channels LED indicators
Dimensions (W x H x D)	482 x 44 x 180 mm
Net weight	2.15 kg

Channel Configuration: Set monitoring, priority, and zone activation for each channel

Channel Configuration

Filter Channels

CH 24

CH 25

CH 26

CH 27

CH 28

CH 29

CH 30

CH 31

CH 32

Channel 25

☒ Monitored

Channel Priority
Default

Zone Set 1
1,3-6

Zone Set 2

Zone Set 3

Zone Set 4

RESET

Channel Extenders: Allows FI6000 MK II to connect with FI6001 units to expand channel capacity and display their connection status.

Channel Extenders	
Extender 1 : Channel 25 - 48	Linked
Extender 2 : Channel 49 - 72	Linked
Extender 3 : Channel 73 - 96	Not Linked
Extender 4 : Channel 97 - 120	Not Linked
Extender 5 : Channel 121 - 144	Not Linked

Packing Information

Carton size	555 (L) x 295 (W) x 95 (H) mm
Gross weight	2.70 kg
Qty/carton	1 unit per carton

