

# 1X-F8-45

## Conventional Fire Panel - 8 Zone - Romanian

### Overview

1X fire control panels offer state of the art architecture in configurations that deliver an uncomplicated solution for small to mid-sized conventional applications. They feature an attractive contemporary design that fits with any decor. The gently curved door front offers a distinctive flair. Operator controls are inset in a striking black lexan.

With support for multiple lines of conventional detectors and accessories, these quick-to-configure systems offer versatility that benefits building owners and installation/maintenance companies alike.

### The Panel

The 1X-F8 is a conventional fire alarm control panel. It is supplied in local language with 8 zones that support up to 32 devices per zone, as well as up to 4 supervised relay outputs dedicated to sounder control and fire routing. In addition 2 conventional relay outputs dedicated to common fire and fault conditions, as well as two user configurable inputs for monitoring and control are available.

### Options

The panels support 2 types of auxiliary relay boards, one with 4 standard relays, and one with 4 supervised relays. With these boards the panel outputs may be expanded with up to 16 additional outputs.

### Approvals & Compliance

The product line carries the following accreditations:

- EN54:2, EN54:4 and CE approved
- CPD certified
- NEN2535, NBNS21-100 and BS5839-1 compliant
- WEEE compliant
- RoHS compliant

Type class conditions: 3K5 of IEC 60721-3-3



### Details

- Modern, elegant design
- Easy removable parts for quick and clean installation
- Default regional setup modes
- Normal, head-out & intrinsically safe zone support
- Supervised alarm notification & fire protection outputs
- EN54 compliant potential free fire & fault relays
- Class change, day/night, remote reset, extended fire routing delay & fire routing inhibit delay facilities
- Auxiliary 24VDC supply output with reset support
- Default support for special functions such as: - EN54 compliant user access levels - mixed zones - full front panel diagnostics - one-man walk test - CleanMe™
- Auxiliary standard & supervised relay output boards
- Networkable up to 64 zones

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### Technical specifications

#### Electrical

|                     |  |
|---------------------|--|
| Power supply type   | VAC  |
| Operating voltage   | 110 VAC @ 50 Hz or 230 VAC @ 50 Hz (+10% -15%)   |
| Current consumption | 3.15 A @ 110V / < 1.5 A @ 240 VAC<br>80 mA (quiescent, no devices) (panel supply)<br>160 mA (alarm, no devices) (panel supply) |

#### Loop

Maximum Loop Capacity 8

#### Zone

|                              |   |
|------------------------------|---|
| Maximum Zone Capacity up to  | 8   |
| Operating voltage            | 22 VDC (18-24 VDC)  |
| Cable rating                 | 40 ohm (max cable resistance), 500 nF (max cable capacitance) |
| Quantity of devices per zone | 32 max.   |

#### Input

Input quantity 2

#### Output

|                     |                       |
|---------------------|-----------------------|
| Auxilliary power    | 24 VDC (21 to 28 VDC) |
| Supervisory voltage | -15 to +28 VDC        |

#### Standby battery

Capacity 2 x 12V - 7.2 or 12 Ah (SLA)

#### Physical

|                     |   |
|---------------------|---|
| Physical dimensions | 440 x 480 x 140 mm (W x H x D)              |
| Net weight          | 3.9 kg (without battery)                    |
| Shipping weight     | 6.184 kg                                    |
| Colour              | Grey (RAL 7035)                             |
| Mounting type       | Surface Mount                               |
| Cable entries       | Ø 20 mm - 20 / 2 / 26 (top / bottom / rear) |

#### Environmental

|                       |                         |
|-----------------------|-------------------------|
| Operating temperature | -5 to +50°C             |
| Storage temperature   | -20 to +70°C            |
| Relative humidity     | 10 to 95% noncondensing |
| Environment           | Indoor                  |
| IP rating             | IP30                    |

#### Standards & regulation

|               |                         |
|---------------|-------------------------|
| Certification | EN54-13, EN54-2, EN54-4 |
| Environmental | CPD<br>WEEE<br>RoHS     |

#### Input Supply

Cable specification 3 x 1.5 mm<sup>2</sup> (live, neutral, earth)

#### Panel Supply

4A @ 24 VDC

#### Zones

Load (max) 65 mA

#### Inputs

Cable resistance (max) 100 ohm

#### Supervised Outputs

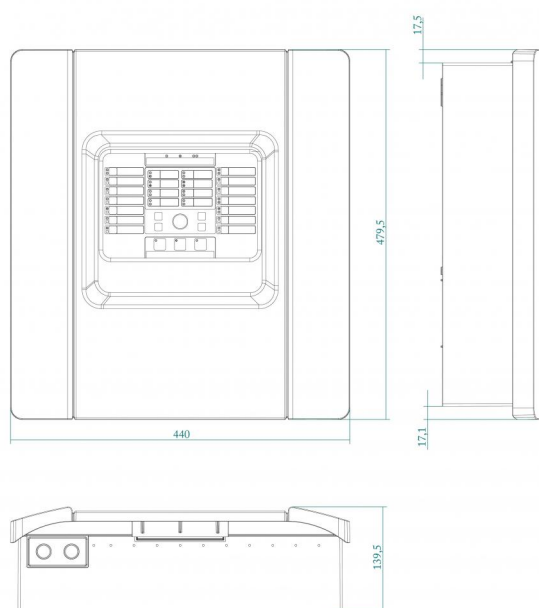
4  
Load (max) 500 mA

#### Non Supervised Outputs

2  
Load 2 A @ 30 VDC

#### Auxilliary Supply Output

Load (max) 250 mA @ 25°C / 195 mA @ 40°C



As a company of innovation, UTC Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit UTC Fire & Security online or contact your sales representative.

22 August 2019 - 2:39