# 2X-AT-F2-P

## Panel de incendios direccionable con pantalla táctil, Fuente de alimentación grande, 2 lazos, caja grande

### Overview

The new 2X-A series life safety control systems bring the speed and functionality of high-end intelligent processing to small to mid-sized addressable applications. Based on 2X series learned experience and with complete backwards compatibility, the new 2X-A features an attractive contemporary design that fits with any decor. With improved robustness, manufactured in metal, special plastics and easy electronics removal, it allows painting in any colour. The main controls are easily located using an improved and robust jog dial.

With high power loop addressable detection, a full line of easily configured option cards and modules, as well as USB and Ethernet® connectivity, these quick-to configure systems offer versatility that benefits building owners and life safety system installers alike.

This version of 2X-A panels includes a 7 inches touchscreen improving the user experience thanks to the more intuitive user interface.

### The Panel

The fire panels supplied in local language, with user interface, with 2 High Power Loops that supports up to 256 devices in 512 zones, with 10A PSU, have standard 4 supervised sounder/fire-routing outputs, which can be used as freely programmable outputs as well. In addition 2 conventional relay outputs and 2 supervised outputs, working in pair and dedicated to common fire and fault conditions, as well as 2 user configurable inputs for monitoring and control are available.

### Options

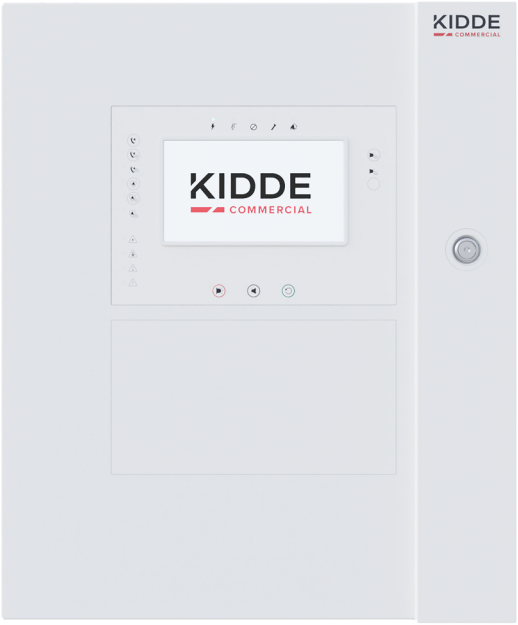
The panel supports an extra 2 High Power Loop board that brings the panel to up to 512 devices with 4 additional programmable outputs. Add a network board to create a maximum of 64 nodes / 256 loops network of fire panels and fire panel repeaters (including conventional fire panels and fire repeater panels up to a maximum of 64 conventional zones). Last but not least, in case seperate zone indications are required, a 20 or a 40 zone fire/fault LED indicator board can be mounted in the panel or repeater with ample space for custom text.

High loop power PAK available to increase the loop power from 500 mA to 800 mA.

Compatible with existing loop devices and network compatible with existing panels, repeaters (existing and new) and conventional panels.

### Approvals & compliance

• CE / CPD / EN54-2 / EN54-4 / EN54-21
• WEEE / RoHS compliant




### Detalles

- 2 lazos de alta potencia ampliables a 4 con 500 mA por lazo
- Pantalla táctil de 7"
- PAK de alta potencia de lazo para aumentar la potencia del lazo de 500 mA a 800 mA
- Hasta 256 dispositivos, 512 zonas y 300 grupos de salida
- Hasta 40 indicadores LED de zona para incendio y averia con espacio para un número de 4 dígitos
- Configuración automática, asistentes de configuración y modos de configuración regionales predeterminados
- Puerto Ethernet con TCP/IP para diagnóstico, mantenimiento y programación remotos
- LCD gráfico compatible con EN54 con iconos y hasta 512 zonas
- Control de usuario simple e intuitivo
- Diseño estético y agradable con puerta robusta de acero pintado
- Puerta y chasis fácilmente extraíbles para una instalación rápida y limpia
- Todos los conectores enchufables
- Hasta 72 horas en reposo y 30 minutos en alarma
- Salida de suministro auxiliar de 24 VCC con soporte de reinicio
- 3 puertos USB con soporte para tarjeta de memoria y RS232 para soporte de impresora
- Comunicación a través de la nube UltraSync, utilizando el comunicador EN 54-21 UC240 UltraSync
- Integración en software de gestión ATS8600, permitiendo la integración con sistemas de seguridad y CMS

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## Especificaciones técnicas

### General

| | |
|---|---|
| User interface | Ohne Feuerwehrsteuerung |
| Maximum system capacity (device count) | bis zu 32512 |
| Network size (nodes) | bis zu 64 |

### Electrical

| | |
|---|---|
| Power supply type | VAC |
| Operating voltage | 110 / 240 VAC (+10%/-15%), 50 / 60 Hz (±5%)<br>Tipo de cable de alimentación de red: 3 x 1,5 mm² (vivo, neutro, tierra) |
| Current consumption | Nom. 0.6 / 1.3 A, Máx. 1.5 A / 3.15 A<br>Clasificación del fusible: 2 / 4 A |

### Loop

| | |
|---|---|
| Maximum loop capacity | 4 |
| Type and rating | 500 mA ampliable a 800 mA a 37 VCC (28 a 37 VCC) |
| Cable rating | Par trenzado recomendado de 2 núcleos y 1,5 mm²; 52 ohmios/500 nF; máx. 2 kilómetros |

### Zone

| | |
|---|---|
| Maximum zone capacity | bis zu 512 |

### Input

| | |
|---|---|
| Input quantity | 2 |
| Input type and rating | Supervisada, carga máxima 150 mA |
| Programmable | 2 |
| Termination | 15 kohmios |

### Output

| | |
|---|---|
| Fire alarm signalling | 350 mA / 21 a 28 VCC (24 VCC nominal) |
| Fault signalling | 350 mA / 21 a 28 VCC (24 VCC nominal) |
| Notification | 8 salidas de sirena |
| Supervisory voltage | Supervisada, 4, 750 mA / 21 a 28 VCC (24 VCC nominales) |
| Auxilliary power | 1 resetable, 500 mA / 21 a 28 VDC (24 VDC nominal) |
| Programmable | Hasta 8 (2 por lazo) / 21 a 28 VCC (24 VCC nominal) |
| Termination | 15 kohmios |

### Standby battery

| | |
|---|---|
| Capacity | Max. 2 x 12 V / 65 Ah (use los cables suministrados) |
| Charging | 27.3 V a 20ºC ; 36 mV/ºC |
| Low battery warning threshold | 23.6 VDC ± 1% a 25ºC |
| Batteries supported in housing | Max. 2 x 12 V / 12 Ah (use supplied cables) |

### Physical

| | |
|---|---|
| Form factor | Groß |
| Physical dimensions | 446 x 536 x 164 mm (W x H x D) |
| Net weight | 10.7 kg (sin baterias) |
| Shipping weight | 13.4 kg |
| Colour | Weiß (RAL 9003) |
| Mounting type | Oberflächenmontage |
| Cable entries | 18 (20 mm) / 2 (20 mm) / 2 placas extraíbles (superior/inferior/posterior) |
| Material | Stahl (lackiert) |

### Environmental

| | |
|---|---|
| Operating temperature | -5 a +40°C |
| Storage temperature | -20 a +50°C |
| Relative humidity | 10 a 95% sin condensación |
| Environment | Drinnen |
| IP rating | IP30, solo uso en interiores |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RoHS 3, WEEE |
| Certification | AEAI, BOSEC, CPR |

### Salidas

| | |
|---|---|
| Incendio General + Avería supervisadas | 2, 350 mA/19,5-28 VCC (24 VCC nominal) |

### Lazo

| | |
|---|---|
| Salidas | 500 mA / 29VDC (29VDC a 36VDC ) |

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