TAKTIS® FIRE

Analogue Addressable Fire Panel

Features

- 2 to 8 loop or 2 to 16 loop versions
- Multiple protocols supported on a single panel (in banks of two loops)
- Network up to 127 panels
- 500mA loop current
- 4 programmable sounder circuits each rated at 2.5 A
- 5.25 Amp or 10.25 Amp power supply options
- Enclosure options to suit 26Ah or 45Ah battery options
- LPCB approval to EN54-2, EN54-4 and EN54-13
- VdS approval to EN54-2, EN54-4, VdS 2344 and VdS 2541

- 3 programmable inputs
- 5 programmable relay outputs
- Up to 512 programme Input/ Output via optional plug in and serially connected expansion cards
- Hard wired fire and fault routing inputs and outputs
- Compatible with Ockular Graphics Management software
- Over 4000 sub address points per panel
- Option to "invert" inputs and outputs
- Configurable via USB input
- Optional Media Gateway communications card

Description

Taktis is Kentec's most powerful and sophisticated analogue addressable fire panel. It has been designed as one of the most powerful, intelligent and technically robust fire alarm products available. With enhanced integration and networking capabilities, Taktis meets the current and future needs of building installations.

Initially configured as a fire detection and alarm system, the flexibility of Taktis is such that it can be re-configured to realise many other control and indication applications, with direct integration into intelligent buildings.

Available in 4 and 8 slot variants, Taktis fire control panel ranges from 2 to 16 detection loops. Taktis can network up to 127 panels, making it ideal for the largest sites such as schools, hospitals, multi-site retail/supermarkets, critical infrastructure and major commercial and industrial facilities.

Multiple protocols can be supported on each panel to give installers and end-users maximum choice in their systems' design, and the scalable nature of the product provides the highest level of future-proofing and networking possibilities.

Designed with european and international customers in mind, Taktis Fire contains 16 languages with more languages being implemented frequently.

Specification 2-8 loop (4 slot) Enclosure

Size	420mm (W) x 590mm (H) x 153mm (D) (Standard enclosure) 420mm (W) x 590mm (H) x 203mm (D) (Deep)
Construction	1.5mm mild sheet steel
Cable entry	28 knockouts top, 19 knockouts back, 1 knockout each side, 2 knockouts bottom (Standard) 38 knockouts top, 19 knockouts back, 1 knockout each side, 2 knockouts bottom (Deep)
Battery capacity	Up to 26Ah standard enclosure, up to 45Ah deep enclosure

Specification 2-16 loop (8 slot) Enclosure

Size	540mm (W) x 720mm (H) x 160mm (D) (standard enclosure) 540mm (W) x 720mm (H) x 212mm (D) (deep enclosure)
Construction	1.5mm mild sheet steel
Cable entry	38 knockouts top, 25 knockouts back, 2 knockouts each side, 2 knockouts bottom (standard enclosure) 50 knockouts top, 25 knockouts back, 2 knockouts each side, 2 knockouts bottom (deep enclosure)
Battery capacity	Up to 26Ah standard enclosure, Up to 45Ah deep enclosure

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Specification

Finish	Epoxy powder coated
Colour - enclosure	BS 00 A 05 fine texture
Colour - controls plate	RAL7016
Power supply voltage	230V AC or 115V AC
Power supply rating at 24V DC	5.25A (charges up to 26Ah) or 10.25A (charges up to 45Ah)
Display	Full colour 800 x 480 LCD with resistive touch screen and automatic backlight dimming
Printer	40 column, front loading thermal (optional)
Zone LED indicators	Up to 3 banks of 48 (144) as standard
Software zones	2000
Software groups	Up to 5000 events including upto 40,000 inputs or outputs (dynamically assigned)
Event log	10,000 events, 1 second resolution. Filterable and printable
Detection loops	2 to 16 added 2 at a time (K758 dual loop cards)
Detection loop current	500 milliamps each
Sounder circuits	4 each rated at 2.5A, 24V DC, programmable
Auxiliary 24V supply 1	24V DC fused at 500 milliamps
Auxiliary 24V supply 2	24V DC fused at 500 milliamps
Default relays	Fault, Fire, Alarm, Programmable 1 and Programmable 2 (all re-programmable)
Programmable inputs	3, activated by volt free contacts
Auxiliary Serial port A	RS232 programmable
Auxiliary Serial port B	RS232 programmable
Ancillary I/O board serial port	RS485 programmable
Fire Routing (Ifam) serial port	RS485 programmable
USB host port	USB type A
USB device port	USB type B
Fire routing output	Monitored
Fire routing input	Monitored
Fault routing output	Monitored
Fault routing input	Monitored
Extinguisher output	Monitored
Extinguisher input	Monitored
Extinguisher fault input	Monitored

Product Approvals

EN54-2:1997 + A1:2006
EN54-4:1997 + A1:2002 + A2:2006
EN54-13:2005
VdS 2344:2014-07
VdS 2541:1996-12

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Panel Part Number Configurator

2-8 Loop

Zone LED's

Code	Description
0	0 Zone LED's
1	48 Zone LED's
2	96 Zone LED's
3	144 Zone LED's

Power Supply

Code	Description
1	5.25A 240V
2	5.25A 110V
3	10.25A

Protocol

Code	Description
A	Apollo Protocol
H	Hochiki Protocol

TAA -E-E-2-0-1-0-P-X

Enclosure Style

Code	Description
E	Standard enclosure
D	Deep enclosure

Number of Apertures

Code	Description
1	Single aperture
2	Two aperture

Printer

Code	Description
0	Not fitted
P	Thermal Printer fitted

Enable Keyswitch

Code	Description
0	Not fitted
1	Standard EN keyswitch

2-16 Loop

Zone LED's

Code	Description
0	0 Zone LED's
1	48 Zone LED's
2	96 Zone LED's
3	144 Zone LED's

Power Supply

Code	Description
1	5.25A 240V
2	5.25A 110V
3	10.25A

Protocol

Code	Description
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TAB -E-E-2-0-1-0-P-X

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Product Options

K2008	Panel network, ethernet & IFAM interface	K791	8 way relay card
K2008FI	Panel network, ethernet & IFAM interface (Fully Isolated)	K792	8 way conventional zone card
K758	2 loop card	K793	4 way sounder card
K772	16 channel I/O card	K794	Media Gateway Card (for Ockular)

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