Addressable Panels

Taktis® UL
Addressable Control Panel

Features

□ 2 to 8 loop or 2 to 16 loop versions

□ 400mA loop current

□ 4 programmable NACs; Class B or 2 Class A with internal synchronization

□ 5.25 A or 10.25 A power supply options

□ 3 programmable inputs and 5 programmable relay outputs

□ 7 inch, full-color resistive touch screen with intuitive user interface

□ Up to 24 programmable soft "function keys"

□ Hard-wired fire and trouble routing inputs and outputs

□ Modular and expandable electronics

□ 400 sub-address points per loop

(800 per loop module)

□ Option to "invert" inputs and outputs

□ 5000 programmable cause and effects; over 50,000 inputs and outputs

□ Can be networked with programmable functionality

□ Programming via USB port to PC or memory stick

□ Ockular graphical fire management system

□ UL864 (10th edition) Listed and FM Approved

□ LPCB approval to EN54-2, EN54-4 and EN54-13

□ VdS approval to EN54-2, EN54-4, VdS 2344 and VdS 2541

Product Overview

□ Taktis® is Kentec's most powerful and sophisticated analogue addressable fire panel. Intelligent and technically robust with enhanced integration and networking capabilities, meeting current and future needs of small to larger buildings and installations.

□ The flexibility of Taktis® is its ability to be re-configured to suit 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, ideal for large sites including schools, multi-site retail / supermarkets, hospitals, critical infrastructure and major commercial and industrial facilities.

□ A range of protocols are supported to give installers and end-users maximum choice in their systems' design, the scalable nature of the product provides the highest level of future-proofing and networking possibilities.

□ The modular nature of Taktis® allows all field wiring to be connected to a passive mother-board enabling addition, re-configuration or replacement of all electronic hardware without the need to disconnect any field wiring.

□ Modularity also allows each panel to be customised with addressable loop detection circuits, conventional detection circuits, relay cards, additional sounder outputs or programmable I/O modules as required.

□ A truly open protocol panel offering installers and customers maximum flexibility in systems' design, site-customisation and the third-party devices that they use.

□ Not only does Taktis® provide solutions to the most technically challenging applications in life safety, it will also deliver added value, market advantage and a competitive edge to your business.

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Addressable Panels

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Enclosure Specifications

	2-8 loop (4 slot) Enclosure	2-16 loop (8 slot) Enclosure
Size	Standard: 420mm (W) x 590mm (H) x 153mm (D) Deep: 420mm (W) x 590mm (H) x 203mm (D)	540mm (W) x 720mm (H) x 160mm (D) (Standard) 540mm (W) x 720mm (H) x 212mm (D) (Deep)
Construction	1.5mm mild sheet steel	1.5mm mild sheet steel
Cable entr:	Standard: 28 knockouts top, 19 knockouts back, 1 knockout each side, 2 knockouts bottom Deep: 38 knockouts top, 19 knockouts back, 1 knockout each side, 2 knockouts bottom	Standard: 38 knockouts top, 25 knockouts back, 2 knockouts each side, 2 knockouts bottom Deep: 50 knockouts top, 25 knockouts back, 2 knockouts each side, 2 knockouts bottom
Battery Capacity	Standard: Up to 26Ah Deep: Up to 45Ah	Standard: Up to 26Ah Deep: Up to 45Ah
Optional Semi Flush Mounting Kit	KM5FCRD - Red KM5FCGY - Gray KM5FCBS - Black	

General Specifications

Finish	Epoxy powder coated
Colour - Lid & Box	Red (RAL3002) Gray (BS 00 A 05) Black (RAL9005)
Colour - Controls Plate	Signal White (RAL9003)
Power supply voltage	120V AC or 240V AC
Power supply rating at 24V DC	5.25A (charges up to 60Ah) or 10.25A (charges up to 100Ah)
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) (optional)
Software zones	2,000
Software groups	Up to 5,000 including upto 40,000 inputs or outputs (Dynamically assigned)
Cause and Effects	5,000
Event log	10,000 events, 1 second resolution. Filterable and printable
Detection loops	2 to 16 added 2 at a time (S758 dual loop cards)
Detection loop current	400 milliamps each
AUX 24V Output	2, each rated at 900 mA
NACs	4, each rated at 2.5 A. Class B or 2 Class A
Programmable Relay Outputs	5, 30 V DC 1 Amp
Programmable Inputs	3, designed to be activated by voltage-free contacts
Network Connection	Optional network card provides communication for networking 127 fire control panels
NAC Synchronization	Internal Support of System Sensor, Wheelock, Gentex, and Amseco protocols
Operating Temperature	23°F to 120°F (-5 °C to 49°C)
Operating Humidity	Up to 95% (non condensing)

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VIKING®