THORN SECURITY

P485D/P405D
PROFILE 2-4 Loop 80/240 Zone Panel

PROFILE is a highly featured digital addressable fire alarm control panel featuring an advanced TFT colour touch-screen user interface that is ergonomically engineered specifically for fire alarm control. It is designed for operation with or without gloves and provides easy-to-use, intuitive and flexible user controls including keyless log-on using RFID tags, colour coded for different access levels.

The systems provide up to four loops, each of 250 addresses making it suitable for medium to large sized premises. Running the robust MZXDigital loop protocol, the panel utilises all the existing proven MZX detectors, interface modules and notification devices including the new generation 6 detectors and Quad I/O modules.

The PROFILE fire detection controller is the heart of a comprehensive fire detection system that can be used to protect both life and property. Any combination of up to 99 PROFILE panels can be networked together using copper of fibre-optic medium to provide seamless integration across the most complex facilities.

Features

// 8.4" TFT colour touch screen multilingual user interface – Architecturaly atractive and fully programable

// Ergonomic Icon Display - Simple to operate user interface eliminates operator errors

// Touch sensitive status LED's provide event summary information Instant access to detailed event information

// Context sensitive help and on scree operator instructions - Reduces the need for user training and provides support for infrequent users.

// User configurable on screed site maps – No need for additional site plans

// Programmable graphic quiescent dis play - Oportunity for customer branding

// Comprehensive point management and disable functions – Gives the user full control and reduces servive an maintenence effort

// Selectively view or print from the extensive 10,000 event log using dynamic filters – Effective event diagnostics to quickly resolve site investigations

// Keyless log-on using RFID tags – Identifies and logs user actions

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Technical Specifications

General	
Number of loops	2 Expandible to 4
Addresses per loop	250
Total number of addresses	1000
No of zonal LEDs	80 (P485D only)
No of Zones supported	240
Mechanical	
Dimensions	H x W x D 480 x 410 x 205 mm
Weight	10.6 Kg
Colour	
Housing	RAL 7035
Control Facia	Pantone Grey 431C
Environmental	
Operating Temperature	-8°C to +55°C
Storage Temperature	-20°C to +70°C
Relative Humidity	Relative Humidity: 90% RH continuous (non-condensing)
EMC/RFI	EN50130-4, EN61000-6-3
Electrical	
Supply Voltage (panel)	230 VAC 50/60 Hz
Input Current (panel)	1.6 A
Max battery capacity	38 A/H

Ordering Information

557.200.553   P485D Profile 2-4 loop panel deep
557.200.554   P405D Profile 2-4 loop panel deep
557.201.501   Semi-Flush Bezel

Thorn Security is a leading brand of fire detection products in the Middle East market. The Thorn Security fire detection product line includes a wide range of MZX TECHNOLOGY EN54 CPD approved fire detection products carrying approvals and cross-listings, including LPCB and VdS. The Thorn Security product lines are available through Thorn Security dealers in the Middle East. For more information, visit www.ThornSecurity.net or contact us by e-mail at thornsecurity@tycoint.com.

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