KAL755E

KL7A Series compatible intelligent addressable manual call point, weatherproof, red

General

The KAL750 Series is an intelligent KL7A range of addressable manual call points. The KAL755E is a red, single action weatherproof MCP. It is delivered complete with resettable element, test connector, test key and back box. Multiple optional accessories are available to facilitate most outdoor installation requirements.

Aesthetics

This weatherproof single action MCP is a standard profile, outdoor MCP suitable for surface mount installations using the back box supplied with the product. With its designer dual, tricolour LEDs it offers 180°, clear local indication of its operational status, even from a side view. The clean face of the MCP is further enhanced by a front access & test key facility that allows access to the activation element that can be either frangible or resettable.

Configuration friendly

Electronic configuration and addressing is possible wirelessly (powered or unpowered).

Installation & Maintenance friendly

The front facing access for an aesthetically matching, red MCP test key allows unhindered access regardless of the installation location. The MCP key doubles as a test and disassembly tool allowing removal of the MCP front cover.

Compatibility

The KAL750 series supports new and legacy Kilsen KL7A systems. They can be deployed seamlessly into existing legacy systems without CIE configuration changes.

Details

- Reliable single action manual call point for surface mounting
- A dual, tri-colour status indicator offers 180° alarm visibility
- Tamper resistant design with resetable or frangible element
- Unobtrusive front facing test facility
- Outdoor rated, waterproof enclosure
- Back box with top and bottom cable entry
- Screen connection terminal for electrically noisy installations
- Pluggable connector with link through facility for ease of installation and pre-commissioning testing
- Alarm flag on the face of the MCP allows maintenance indication even without alarm indicators
- Fast, no-tools-required maintenance using the test key
- Local system intelligence for full configuration flexibility
- Electronic addressing for 125 addresses
- Unpowered wireless setup, configuration and reporting
- Wireless commission and diagnostics reporting
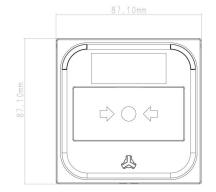- Local event, manufacturing and service logs

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Technical specifications

General

Status indication	Dual LEDs: Alarm (red constant), Isolated (yellow constant), Fault (yellow blinking), Communication (green blinking)
Compatibility	Kilsen KL7A systems
Event log	32 events
Connectivity	Loop protocol & RFID
Addressing method	Electronic

Electrical

Power supply type	Loop powered
Operating voltage	16 to 42 VDC
Current consumption	200 µA (Quiescent) 2.9 mA (Alarm)
Cable specification	0.404 to 2.05 mm
No. of cable cores	2
Terminals	4 (A+/A-;B+/B-)

Detection

Detection principle	Push button/switch
Monitoring	Device type, Presence

Physical

Physical dimensions	108 × 108 × 69 mm
Net weight	252 g
Colour	Red (RAL 3028)
Mounting type	Wall mount
Cable entries	3 (1 × threaded MK20 (Top or bottom), 2 × threaded MK20 (Bottom or top))
Material (body)	Flame retardent ABS
Functional marking	House on Fire

Environmental

Vandal proof	No
Operating temperature	-25 to +72°C
Storage temperature	-25 to +72°C
Relative humidity	10 to 95% noncondensing
Environment	Indoor / Outdoor
IP rating	IP67

Regulatory

Compliancy	CE, REACH, RoHS 2, WEEE
Certification	EN54-11
Standards	CPR Certified A+ Voluntary mark