

## Description

660 manual call points connect to addressable fire detection control and indicating equipment. Up to 125 or 250 devices can be connected to each alarm zone loop according to ST or XP protocol.

A pressure-activated displacement element provides a safe and convenient way for building occupants to manually initiate a fire alarm condition.

All models have an integral alarm indicator that illuminates when the manual call point has been activated. The indicator can also be configured to flash when polled by the fire detection control and indicating equipment.

In the event of a short-circuit fault in the loop transmission path, an optional integral isolator ensures the normal operation of downstream connected devices. A yellow LED indicates when the isolator is active.

Resetting the manual call point is achieved by inserting a key through the underside of the unit to replace the operating face to the quiescent position.

The 660 manual call point range provides fire detection and alarm system designers with a Standards-compliant, premium product for life safety and property protection applications.

## Features

- Pressure activated displacement element provides a safe user experience
- Integral indicator to show polling and alarm activation
- Resettable with simple key operation
- Suitable for indoor use
- DC 24 V operation
- Compatible with 2-wire fire detection and alarm systems
- Monitors for quiescent, alarm and fault conditions
- Integral loop isolator with LED activation indicator available on some models
- Easy installation with simple address setting DIP switches
- Low maintenance

## Compliance

660 manual call points have the following compliance.

	EN 54-11 <sup>a</sup>	EN 54-17 <sup>b</sup>	CE <sup>c</sup>
660-001	✓	—	✓
660-005 <sup>d</sup>	✓	✓	✓

<sup>a</sup> EN 54-11 *Manual call points*

<sup>b</sup> EN 54-17 *Short-circuit isolators*

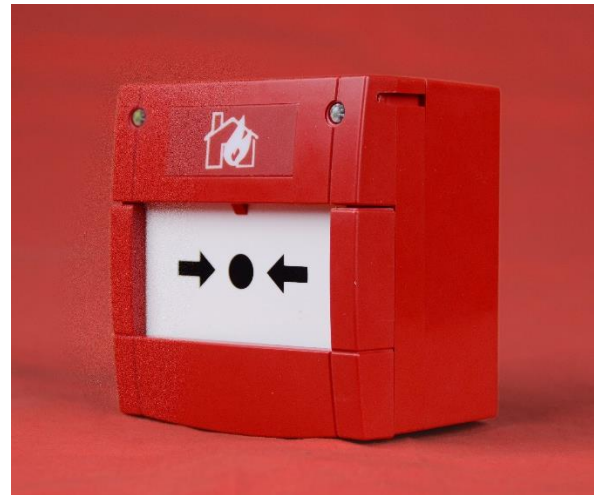
<sup>c</sup> Conformité Européenne

<sup>d</sup> Third-party conformance assessment has not been undertaken.

## Accessories

The following accessories are compatible with 660 manual call points.

Description	Part Number	Datasheet
MCP weather proof enclosure	460-009	31-0078



660 addressable manual call point  
(660-005 model shown)

## Specifications

Operating	660-001	660-005
Operating voltage	DC (17 ~ 28) V	
Start-up current	400 µA	600 µA
Quiescent current	400 µA	600 µA
Alarm current	2 mA	
Operation type	Direct operation (type A) <sup>a</sup>	
Alarm indicator	Red LED Visual indication of operating element displacement	
Usable addresses per alarm loop	125 ST	250 XP
Isolator		
Switching current (max)	—	3.0 A
Switching resistance (max)	—	0.3 Ω
Isolator active indicator	—	Yellow LED
Environmental		
Operating temperature	(-10 ~ +55) °C	
Operating humidity	(0 ~ 95) % RH, non-condensing	
Storage temperature	(-25 ~ +80) °C	
Storage humidity	(0 ~ 98) % RH, non-condensing	
Miscellaneous		
Terminal wiring	(0.4 ~ 2.5) mm <sup>2</sup>	
Dimensions (h x w x d)	(87.5 x 87.5 x 56.5) mm	
Ingress protection rating	IP-42	

<sup>a</sup> As defined in EN 54-11: "a manual call point in which the change to the alarm condition is automatic (i.e. without the need for further manual action when the frangible element is broken or displaced".

## Ordering Information

	Isolator
660-001	—
660-005	✓

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