

### Description

460 manual call points connect to non-addressable fire detection control and indicating equipment, or to addressable fire detection control and indicating equipment that can accept non-addressable devices<sup>1</sup>.

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

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 460 range of manual call points provide fire detection and alarm system designers with a Standards-compliant, economical product for life safety and property protection applications.

### Features

- Pressure activated displacement element provides a safe user experience
- Integral alarm indicator available
- Resettable with simple key operation
- Suitable for indoor use
- Wide operating voltage range
- Compatible with 2-wire and 4-wire fire detection and alarm systems
- Easy installation
- Low maintenance

### Compliance

460 manual call points have the following compliance.

	EN 54-11 <sup>a</sup>	CE
460-001 <sup>b</sup>	✓	✓
460-002	✓	✓
460-003 <sup>b</sup>	✓	✓
460-004 <sup>b</sup>	✓	✓
460-005 <sup>b</sup>	✓	✓
460-006 <sup>b</sup>	✓	✓

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

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

### Accessories

The following accessories are compatible with 460 manual call points.

Description	Part Number	Datasheet
Contact input module	620-002	31-0027
MCP transparent operating face cover	460-007	—
MCP weather proof enclosure	460-009	31-0078



460 non-addressable manual call point

### Specifications

	460-001 460-002 460-003 460-004	460-005 460-006
Operating voltage	DC (5 ~ 33) V	
Quiescent current	0 A	
Circuit impedance during alarm condition	0 Ω or 470 Ω	0 Ω
Operation type	Direct operation (type A) <sup>a</sup>	
Alarm indicator	Red LED Visual indication of operating element displacement	
Terminal wiring	(0.4 ~ 2.5) mm <sup>2</sup>	
Operating temperature	(-10 ~ +55) °C	
Operating humidity	(0 ~ 95) % RH, non-condensing	
Storage temperature	(-25 ~ +80) °C	
Storage humidity	(0 ~ 98) % RH, non-condensing	
Dimensions (h × w × d)	(87.5 × 87.5 × 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)".

<sup>1</sup> May be used with the 620-002 contact input module.

## Ordering Information

	470 $\Omega$ EOL <sup>a</sup>	0 $\Omega$ EOL <sup>a</sup>	Primary Output		Secondary Output		LED	LED Failsafe	Voltage Polarity Independent
			Normally Open	Normally Closed	Normally Open	Normally Closed			
460-001	✓	✓	✓	—	✓	—	—	—	✓
460-002	✓	✓	✓	—	✓	—	✓	—	—
460-003	✓	✓	✓	—	✓	—	—	✓	—
460-004	✓	✓	✓	—	✓	—	—	✓	✓
460-005	—	✓	✓ <sup>a</sup>	✓ <sup>a</sup>	—	—	—	—	✓
460-006 <sup>b</sup>	—	✓	✓ <sup>a</sup>	✓ <sup>a</sup>	✓ <sup>a</sup>	✓ <sup>a</sup>	—	—	✓

<sup>a</sup> Selectable during installation.

<sup>b</sup> Double pole switch contacts.

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