

# FMC-420RW Single Action Call Points LSN improved

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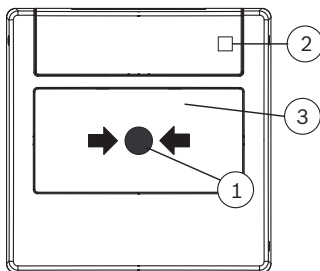


- ▶ Alarm triggering by pressing the black marking or breaking the glass pane
- ▶ Protection against injury through foil-labeled glass pane
- ▶ LED display for triggered alarm or inspection evaluation
- ▶ Individual call point identification
- ▶ Call point query routines with evaluation and multiple transmission

FMC-420RW Single Action Call Points are used for manual triggering and can be employed in both the Local SecurityNetwork (LSN) and the LSN improved version.

## Functions

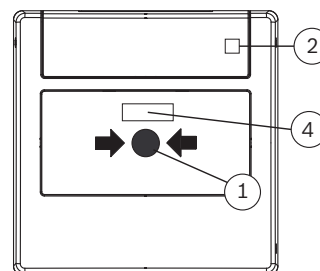
### Single action call points with glass pane:



Pressing the black marking (1) breaks the glass pane (3), which triggers the alarm and causes the LED (2) to flash.

Single action call points can be reset with the test key and by replacing the glass pane (3). The LED display (2) goes dark.

### Resettable single action call points:



Pressing the black marking (1) triggers the alarm. The alarm status is indicated by the changed window color (4) and the flashing LED (2).

Single action call points can be reset using the test key. The LED (2) goes dark.

### Individual call point identification

Neither single action call points with glass pane nor resettable single action call points are reset on the fire panel.

Individual call point identification with display of the call point address on the fire panel ensures the quick location of the triggered call point.

### Certifications and approvals

Region	Regulatory compliance/quality marks	
Germany	VdS	G 207087 FMC-420RW
	VdS	G210017 FMC-420-RW-HSGRD/-HSRRD
Europe	CE	FMC-420RW-GSGBU/-GSRBU/-GSGYE/-GSRYE
	CE	FMC-420RW-GSGRD/-GSRRD/-GFGRD/-GFRRD
	CE	FMC-420RW-HSGRD/-HSRRD
	CPD	0786-CPD-20333 FMC-420RW
	CPD	0786-CPD-20942 FMC-420RW-HSGRD
	CPD	0786-CPD-20943 FMC-420RW-HSRRD
Ukraine	MOE	UA1.016.0091994-09 FMC-420RW

### Installation/configuration notes

- Manual call points must be mounted visibly along escape and rescue routes (e.g. exits, passageways, stairwells) and be easily accessible.
- An installation height of 1400 mm  $\pm$  200 mm (55 in.  $\pm$  8 in.), measured from the middle of the manual call point to the floor, must be maintained.
- Manual call points must be sufficiently lit with daylight or another light source (including emergency lighting if present).
- The maximum number of LSN elements that can be connected depends on their current consumption from the LSN data line. The limit values should be taken from the product information supplied with the fire panel used.
- Standards, guidelines and planning recommendations regarding the installation location etc. should also be taken into consideration.
- The regulations of the local fire services must be observed.

### Technical specifications

#### Electrical

	LSN current consumption (mA)	Operating voltage (VDC)
FMC-420RW-GSGRD Manual call point glass surface-mnt, red	0,26 mA	15 - 33 VDC
	LSN current consumption (mA)	Operating voltage (VDC)
FMC-420RW-GSRRD Manual call point reset surface-mnt, red	0,26 mA	15 - 33 VDC

	LSN current consumption (mA)	Operating voltage (VDC)
FMC-420RW-GFGRD Manual call point glass flush-mount, red	0,26 mA	15 - 33 VDC

	LSN current consumption (mA)	Operating voltage (VDC)
FMC-420RW-GFRRD Manual call point reset flush-mount, red	0,26 mA	15 - 33 VDC

	LSN current consumption (mA)	Operating voltage (VDC)
FMC-420RW-GSGYE Manual call point, glass, yellow	0,26 mA	15 - 33 VDC

	LSN current consumption (mA)	Operating voltage (VDC)
FMC-420RW-GSRYE Manual call point, resettable, yellow	0,26 mA	15 - 33 VDC

#### Mechanical components

Dimensions (H x W x D)	
• FMC-420RW-GFGRD, FMC-420RW-GFRRD	107 mm x 107 mm x 38.5 mm (4.2 in. X 4.2 in. X 1.5 in.)
• FMC-420RW-GSGRD, FMC-420RW-GSGBU, FMC-420RW-GSGYE	87 mm x 87 mm x 56 mm (3.4 in. X 3.4 in. X 2.2 in.)
• FMC-420RW-GSRRD, FMC-420RW-GSRBU, FMC-420RW-GSRYE	87 mm x 87 mm x 56 mm (3.4 in. X 3.4 in. X 2.2 in.)
• FMC-420RW-HSGRD, FMC-420RW-HSRRD	108 mm x 108 mm x 66 mm (4.25 in. X 4.25 in. X 2.6 in.)
Housing material	Plastic, ASA
Colors	
• Red	RAL 3001
• Blue	RAL 5005
• Yellow	RAL 1003
• Red/white	RAL 3001 / RAL 9003

**Environmental conditions**

Protection category according to EN 60529	IP 54
Protection category according to EN 60529 for FMC-420RW-HSGRD FMC-420RW-HSRRD	IP 67
Permissible operating temperature	-25 °C to +70 °C
Permissible rel. humidity	< 96 %

**Ordering information****FMC-420RW-GSGRD Manual call point glass surface-mount, red**

analog addressable manual call point with glass pane for indoor use, direct alarm triggering (type A), surface-mounted, red  
Order number **FMC-420RW-GSGRD**

**FMC-420RW-GSRRD Manual call point reset surface-mount, red**

resettable analog addressable manual call point for indoor use, direct alarm triggering (type A), surface-mounted, red  
Order number **FMC-420RW-GSRRD**

**FMC-420RW-GFGRD Manual call point glass flush-mount, red**

analog addressable manual call point with glass pane for indoor use, direct alarm triggering (type A), flush-mounted, red. In addition, you need to order FMC-BEZEL.  
Order number **FMC-420RW-GFGRD**

**FMC-420RW-GFRRD Manual call point reset flush-mount, red**

resettable analog addressable manual call point for indoor use, direct alarm triggering (type A), flush-mounted, red. In addition, you need to order FMC-BEZEL.  
Order number **FMC-420RW-GFRRD**

**FMC-420RW-GSGYE Manual call point, glass, yellow**

analog addressable manual call point with glass pane for indoor use, direct alarm triggering (type A), surface-mounted, yellow  
Order number **FMC-420RW-GSGYE**

**FMC-420RW-GSRYE Manual call point, resettable, yellow**

resettable analog addressable manual call point for indoor use, direct alarm triggering (type A), surface-mounted, yellow  
Order number **FMC-420RW-GSRYE**

**FMC-420RW-GSGBU Manual call point, glass, blue**  
analog addressable manual call point with glass pane for indoor use, direct alarm triggering (type A), surface-mounted, blue

Order number **FMC-420RW-GSGBU**

**FMC-420RW-GSRBU Manual call point, resettable, blue**

resettable analog addressable manual call point for indoor use, direct alarm triggering (type A), surface-mounted, blue

Order number **FMC-420RW-GSRBU**

**FMC-420RW-HSGRD Manual call point, outdoor, glass, red**

analog addressable manual call point with glass pane for outdoor use, direct alarm triggering (type A), surface-mounted, red/ white

Order number **FMC-420RW-HSGRD**

**FMC-420RW-HSRRD Manual call point outdoor resettable red**

resettable analog addressable manual call point for outdoor use, direct alarm triggering (type A), surface-mounted, red/ white

Order number **FMC-420RW-HSRRD**

**Accessories****FMC-BEZEL-RD Bezel for manual call point, red**

Frame for the flush-mounted variant of the RW call points.

1 unit = 4 bezels

Order number **FMC-BEZEL-RD**

**FMC-BEZEL-WH Bezel for manual call point, white**

Frame for the flush-mounted variant of the RW call points.

1 unit = 4 bezels

Order number **FMC-BEZEL-WH**

**FMC-SEAL-RW Seal for manual call point**

Seal for clear hinged flap

1 unit = 100 seals

Order number **FMC-SEAL-RW**

**FMC-SPACER-RWRD Spacer, red**

For the flush-mounted variant of the RW call points. Its use increases the storage room for the cables.

1 unit = 5 spacers

Order number **FMC-SPACER-RWRD**

**FMC-SPGL-RW Spare glass**

Spare glasses for all RW call points.

1 unit = 5 spare glasses

Order number **FMC-SPGL-RW**

**FMC-SIGN-RW Sign, out-of-order**

Used instead of the glass pane when a call point is not ready for use.

1 unit = 5 signs

Order number **FMC-SIGN-RW**

**FMC-KEY-RW Test key**

The key can open, check, and reset manual call points.

1 unit = 1 key

Order number **FMC-KEY-RW**

**FMC-FLAP-RW Flap, transparent**

To protect against accidental triggering; with seal.

1 unit = 5 flaps

Order number **FMC-FLAP-RW**

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