FMC-420RW Single Action Call Points LSN improved

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

**Functions**

**Single action call points with glass pane:**

1. Pressing the black marking (1) breaks the glass pane (3), which triggers the alarm and causes the LED (2) to flash.
2. Single action call points can be reset with the test key and by replacing the glass pane (3). The LED display (2) switches off.

**Resettable single action call points:**

1. Pressing the black marking (1) triggers the alarm. The alarm status is indicated by the red window color (4) and the flashing LED (2).
2. Single action call points can be reset using the test key. The LED display (2) switches off.
3. The standby mode is indicated by the white window color (4).

**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**

<table>
<thead>
<tr>
<th>Region</th>
<th>Regulatory compliance/quality marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Germany</td>
<td>VdS G 207087 FMC-420RW</td>
</tr>
<tr>
<td></td>
<td>VdS G210017 FMC-420-RW-HSGRD/HSRRD</td>
</tr>
<tr>
<td>Europe</td>
<td>CE FMC-420RW-GSGBU/-GSRBU/-GSGYE/-GSRYE</td>
</tr>
</tbody>
</table>
**Fire Alarm Systems - FMC-420RW Single Action Call Points LSN improved**

<table>
<thead>
<tr>
<th>Region</th>
<th>Regulatory compliance/quality marks</th>
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</thead>
<tbody>
<tr>
<td>CE</td>
<td>FMC-420RW-GSGRD/-GSRRD/-GFGRD/-GFRRD</td>
</tr>
<tr>
<td>CE</td>
<td>FMC-420RW-HSGRD/-HSRRD</td>
</tr>
<tr>
<td>CPD</td>
<td>0786-CPD-20333 FMC-420RW</td>
</tr>
<tr>
<td>CPD</td>
<td>0786-CPD-20942 FMC-420RW-HSGRD</td>
</tr>
<tr>
<td>CPD</td>
<td>0786-CPD-20943 FMC-420RW-HSRRD</td>
</tr>
<tr>
<td>Ukraine</td>
<td>MOE UA1.016.0091994-09 FMC-420RW</td>
</tr>
</tbody>
</table>

**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 ±200 mm (55 in. ±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**

<table>
<thead>
<tr>
<th>Model</th>
<th>LSN current consumption (mA)</th>
<th>Operating voltage (VDC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMC-420RW-GSGRD Manual call point glass surface-mnt, red</td>
<td>0,26 mA</td>
<td>15 - 33 VDC</td>
</tr>
<tr>
<td>FMC-420RW-GSRRD Manual call point reset surface-mnt, red</td>
<td>0,26 mA</td>
<td>15 - 33 VDC</td>
</tr>
<tr>
<td>FMC-420RW-GFGRD Manual call point glass flush-mount, red</td>
<td>0,26 mA</td>
<td>15 - 33 VDC</td>
</tr>
<tr>
<td>FMC-420RW-GFRRD Manual call point reset flush-mount, red</td>
<td>0,26 mA</td>
<td>15 - 33 VDC</td>
</tr>
<tr>
<td>FMC-420RW-GSGYE Manual call point, glass, yellow</td>
<td>0,26 mA</td>
<td>15 - 33 VDC</td>
</tr>
<tr>
<td>FMC-420RW-GSRYE Manual call point, resettable, yellow</td>
<td>0,26 mA</td>
<td>15 - 33 VDC</td>
</tr>
<tr>
<td>FMC-420RW-GSGBU Manual call point, glass, blue</td>
<td>0,26 mA</td>
<td>15 - 33 VDC</td>
</tr>
<tr>
<td>FMC-420RW-GSRBU Manual call point, resettable, blue</td>
<td>0,26 mA</td>
<td>15 - 33 VDC</td>
</tr>
<tr>
<td>FMC-420RW-HSGRD Manual call point, outdoor, glass, red</td>
<td>0,26 mA</td>
<td>15 - 33 VDC</td>
</tr>
<tr>
<td>FMC-420RW-HSRRD Manual call point outdoor resettable red</td>
<td>0,26 mA</td>
<td>15 - 33 VDC</td>
</tr>
</tbody>
</table>

**Mechanical components**

- Dimensions (H x W x D)
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<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Dimensions</th>
<th>Housing material</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMC-420RW-GFGRD,</td>
<td>Manual call point glass surface-mount, red</td>
<td>107 mm x 107 mm x 38.5 mm (4.2 in. X 4.2 in. X 1.5 in.)</td>
<td>Plastic, ASA</td>
<td>RAL 3001</td>
</tr>
<tr>
<td>FMC-420RW-GFRRD</td>
<td>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.</td>
<td></td>
<td></td>
<td>RAL 5005</td>
</tr>
<tr>
<td>FMC-420RW-GSGRD,</td>
<td>Manual call point, glass, yellow</td>
<td>87 mm x 87 mm x 56 mm (3.4 in. X 3.4 in. X 2.2 in.)</td>
<td></td>
<td>RAL 1003</td>
</tr>
<tr>
<td>FMC-420RW-GSRRD,</td>
<td>resettable analog addressable manual call point for indoor use, direct alarm triggering (type A), surface-mounted, yellow</td>
<td></td>
<td></td>
<td>RAL 3001 / RAL 9003</td>
</tr>
<tr>
<td>FMC-420RW-GSGBU,</td>
<td>Manual call point, glass, blue</td>
<td>87 mm x 87 mm x 56 mm (3.4 in. X 3.4 in. X 2.2 in.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FMC-420RW-GSRBU,</td>
<td>resettable analog addressable manual call point for indoor use, direct alarm triggering (type A), surface-mounted, blue</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FMC-420RW-HSGRD,</td>
<td>Manual call point, outdoor, glass, red</td>
<td>108 mm x 108 mm x 66 mm (4.25 in. X 4.25 in. X 2.6 in.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FMC-420RW-HSRRD,</td>
<td>resettable analog addressable manual call point for outdoor use, direct alarm triggering (type A), surface-mounted, red/ white</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FMC-420RW-GSGYE,</td>
<td>Manual call point, glass, yellow</td>
<td>87 mm x 87 mm x 56 mm (3.4 in. X 3.4 in. X 2.2 in.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FMC-420RW-GSRYE,</td>
<td>resettable analog addressable manual call point for indoor use, direct alarm triggering (type A), surface-mounted, yellow</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FMC-420RW-GSGBU,</td>
<td>Manual call point, glass, blue</td>
<td>87 mm x 87 mm x 56 mm (3.4 in. X 3.4 in. X 2.2 in.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FMC-420RW-GSRBU,</td>
<td>resettable analog addressable manual call point for indoor use, direct alarm triggering (type A), surface-mounted, blue</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Housing material</td>
<td>Plastic, ASA</td>
<td></td>
<td>RAL 5005</td>
</tr>
<tr>
<td></td>
<td>Colors</td>
<td>RAL 3001</td>
<td>RAL 1003</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Permissible operating temperature</td>
<td>-25°C to +70°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Permissible rel. humidity</td>
<td>&lt; 96 %</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 | F.01U.012.781

- 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 | F.01U.012.782

- 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 | F.01U.012.783

- 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 | F.01U.012.784

- 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 | F.01U.012.787

- 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 | F.01U.012.788

- 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 | F.01U.012.707

- 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 | F.01U.012.708

- 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 | F.01U.012.709

- 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 | F.01U.012.780

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 | F.01U.073.045

- 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 | F.01U.073.046

- FMC-SEAL-RW Seal for manual call point
  Seal for clear hinged flap
  1 unit = 100 seals
  Order number FMC-SEAL-RW | F.01U.073.214
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 | F.01U.013.460

FMC-SPGL-RW Spare glass
Spare glasses for all RW call points.
1 unit = 5 spare glasses
Order number FMC-SPGL-RW | F.01U.013.504

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 | F.01U.028.195

FMC-KEY-RW Test key
The key can open, check, and reset manual call points.
1 unit = 1 key
Order number FMC-KEY-RW | F.01U.028.227

FMC-FLAP-RW Flap, transparent
To protect against accidental triggering; with seal.
1 unit = 5 flaps
Order number FMC-FLAP-RW | F.01U.028.194

Services
EWE-FPDVC-IW 12mths wrty ext Fire Peripheral Device
12 months warranty extension
Order number EWE-FPDVC-IW | F.01U.360.729

Represented by:
Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: + 31 40 2577 284
eMEA.securitysystems@bosch.com
eMEA.boschsecurity.com

Germany:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Ring 5
85630 Grasbrunn
Germany
www.boschsecurity.com

North America:
Bosch Security Systems, LLC
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
onlinehelp@us.bosch.com
www.boschsecurity.us

Asia/Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 3699
apr.securitysystems@bosch.com
www.boschsecurity.asia

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