

# System Overview RMQ16



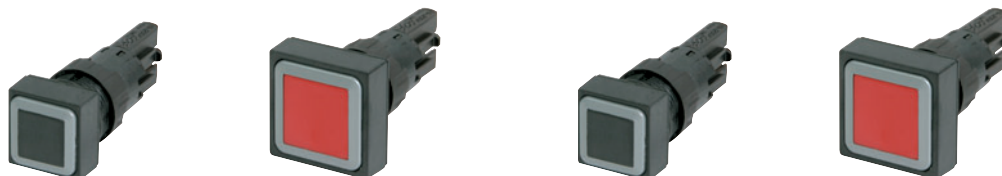
- 1 Emergency-stop button
- 2 Base plate
- 3 Key switch
- 4 Contact element break (red)
- 5 Illuminated push button
- 6 Contact element make (green)
- 7 Selector switch
- 8 Indicator light
- 9 Push-button
- 10 Button plate/insert label

Label mounts with insert plates offer additional labelling options. Secured via the front elements, both elements are simply bolted on from the rear of the flush mounting plate using a lock nut.

The RMQ 16 control circuit devices range can also be inscribed. The button plates as well as the lenses for the illuminated push buttons and the flat lenses for indicator lights are inscribed by laser (see page 282 for Label Editor information). Thus, even after years of use, the information they provide is still clear and unambiguous. These control circuit devices can be fitted with LEDs instead of filament bulbs. This means no more changing of bulbs, because LED service life equals machine life. The high degree of protection, IP 65, of the front elements ensures safe operation even in harsh environments. This makes RMQ16 ideally suitable for industrial applications.



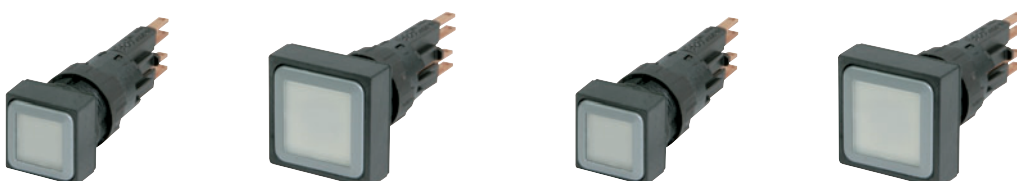
"Side by side mounting enables well ordered control panels on the smallest possible space."



## Push-button actuators

IP 65, NEMA 13

| Button plates | 18 x 18 mm<br>Spring-return | 25 x 25 mm<br>Spring-return | 18 x 18 mm<br>Spring-return | 25 x 25 mm<br>Spring-return |
|---------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|               | Q18D-11                     | Q25D-11                     |                             |                             |
|               | Q18D-10                     | Q25D-10                     |                             |                             |
|               | Q18D-20                     | Q25D-20                     |                             |                             |
|               | Q18D-19                     | Q25D-19                     |                             |                             |
|               | Q18D-SW                     | Q25D-SW                     | Q18DR-SW                    | Q25DR-SW                    |
|               | Q18D-WS                     | Q25D-WS                     | Q18DR-WS                    | Q25DR-WS                    |
|               | Q18D-GN                     | Q25D-GN                     | Q18DR-GN                    | Q25DR-GN                    |
|               | Q18D-RT                     | Q25D-RT                     | Q18DR-RT                    | Q25DR-RT                    |
|               | Q18D-GE                     | Q25D-GE                     | Q18DR-GE                    | Q25DR-GE                    |
|               | Q18D-BL                     | Q25D-BL                     | Q18DR-BL                    | Q25DR-BL                    |
| Without       | Q18D-X                      | Q25D-X                      | Q18DR-X                     | Q25DR-X                     |



## Illuminated push-button actuators

IP 65, NEMA 13  
with 24 V filament lamp

| Button lens | 18 x 18 mm<br>Spring-return | 25 x 25 mm<br>Spring-return | 18 x 18 mm<br>Spring-return | 25 x 25 mm<br>Spring-return |
|-------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|             | Q18LT-WS/WB                 | Q25LT-WS/WB                 | Q18LTR-WS/WB                | Q25LTR-WS/WB                |
|             | Q18LT-GN/WB                 | Q25LT-GN/WB                 | Q18LTR-GN/WB                | Q25LTR-GN/WB                |
|             | Q18LT-RT/WB                 | Q25LT-RT/WB                 | Q18LTR-RT/WB                | Q25LTR-RT/WB                |
|             | Q18LT-GE/WB                 | Q25LT-GE/WB                 | Q18LTR-GE/WB                | Q25LTR-GE/WB                |
|             | Q18LT-BL/WB                 | Q25LT-BL/WB                 | Q18LTR-BL/WB                | Q25LTR-BL/WB                |



| Key-operated actuators    |                           |                             |                             |
|---------------------------|---------------------------|-----------------------------|-----------------------------|
| IP 65, NEMA 13            |                           |                             |                             |
| 18 x 18 mm<br>2 positions | 25 x 25 mm<br>2 positions | 18 x 18 mm<br>3 positions   | 25 x 25 mm<br>3 positions   |
| ↘ <sup>0</sup> Q18S1      | ↘ <sup>0</sup> Q25S1      | ↙↘ <sup>0</sup> Q18S3       | ↙↘ <sup>0</sup> Q25S3       |
| ↘ <sup>0,I</sup> Q18S1R   | ↘ <sup>0,I</sup> Q25S1R   | ↘ <sup>I,0,II</sup> Q18S3R  | ↘ <sup>I,0,II</sup> Q25S3R  |
| ↘ <sup>0</sup> Q18S1R-A1  | ↘ <sup>0</sup> Q25S1R-A1  | ↘ <sup>0</sup> Q18S3R-A1    | ↘ <sup>0</sup> Q25S3R-A1    |
|                           |                           | ↘ <sup>I,0</sup> Q18S3R-A2  | ↘ <sup>I,0</sup> Q25S3R-A2  |
|                           |                           | ↘ <sup>0,II</sup> Q18S3R-A3 | ↘ <sup>0,II</sup> Q25S3R-A3 |
|                           |                           | ↘ <sup>I,0</sup> Q18S3R-A4  | ↘ <sup>I,0</sup> Q25S3R-A4  |
|                           |                           | ↘ <sup>0</sup> Q18S3R-A5    | ↘ <sup>0</sup> Q25S3R-A5    |
|                           |                           | ↘ <sup>0,II</sup> Q18S3R-A6 | ↘ <sup>0,II</sup> Q25S3R-A6 |
|                           |                           | ↘ <sup>0</sup> Q18S3R-A7    | ↘ <sup>0</sup> Q25S3R-A7    |

| Selector switch actuators |                           |
|---------------------------|---------------------------|
| IP 65, NEMA 13            |                           |
| 18 x 18 mm<br>2 positions | 25 x 25 mm<br>2 positions |
| ↘ Q18WK1                  | ↘ Q25WK1                  |
| ↘ Q18WK1R                 | ↘ Q25WK1R                 |
| 3 positions               | 3 positions               |
| ↙↘ Q18WK3                 | ↙↘ Q25WK3                 |
| ↘ Q18WK3R                 | ↘ Q25WK3R                 |
| ↘ Q18WK3R1                | ↘ Q25WK3R1                |
| ↘ Q18WK3R2                | ↘ Q25WK3R2                |

↘ = Stay-put 45°

↘ = Spring-return 45°

For further individual locking  
arrangements please enquire

↘ = Stay-put 45°

↘ = Spring-return 45°

I,0,II = Key can be withdrawn in the positions indicated



| Indicator lights                          |                     |                     |                        |                        |
|-------------------------------------------|---------------------|---------------------|------------------------|------------------------|
| IP 65, NEMA 13<br>with 24 V filament lamp |                     |                     |                        |                        |
| Lens                                      | 18 x 18 mm<br>Flush | 25 x 25 mm<br>Flush | 18 x 18 mm<br>Extended | 25 x 25 mm<br>Extended |
| □                                         | Q18LF-WS/WB         | Q25LF-WS/WB         | Q18LH-WS/WB            | Q25LH-WS/WB            |
| ■                                         | Q18LF-GN/WB         | Q25LF-GN/WB         | Q18LH-GN/WB            | Q25LH-GN/WB            |
| ■                                         | Q18LF-RT/WB         | Q25LF-RT/WB         | Q18LH-RT/WB            | Q25LH-RT/WB            |
| ■                                         | Q18LF-GE/WB         | Q25LF-GE/WB         | Q18LH-GE/WB            | Q25LH-GE/WB            |
| ■                                         | Q18LF-BL/WB         | Q25LF-BL/WB         | Q18LH-BL/WB            | Q25LH-BL/WB            |



### Emergency-Stop actuators

IP 65,  
NEMA 13  
Tamper proof

**25 x 25 mm**

Non-illuminated

illuminated by means  
of 24 V multiple LED



Q25PV

Q25LPV



Q25PV-S

Q25LPV-S

### Emergency-Stop labels

in four languages  
SQT11

in four languages  
SRT11

Blank

SQ-GE

Blank

SR-GE

### Housing

IP 65

**Locations**

**Surface  
mounting  
enclosures**

**Flush  
mounting  
panels**

8



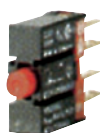
18

E 8

8



E 8-SW



### Contact elements

⊕ = Positive opening safety function  
to IEC / EN 60 947-5-1

**N/O**



**N/C**



E10

E01

### Screw adapter

1 x 1.5 mm<sup>2</sup>  
2 x 0.75 mm<sup>2</sup>

**For N/O**

**For N/C**

**For lamp  
sockets**

SRA10

SRA01

SRAL



### Illuminated selector switches

IP 65,  
NEMA 13  
with 24 V filament lamp

↙ = Stay-put 45°

↘ = Spring-return 45°

|    | 18 x 18 mm<br>2 positions | 25 x 25 mm<br>2 positions | 18 x 18 mm<br>2 positions | 25 x 25 mm<br>2 positions | 18 x 18 mm<br>2 positions | 25 x 25 mm<br>2 positions |
|----|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| ↘  | Q18LWK1-WS/WB             | Q25LWK1-WS/WB             | Q18LWK1-GN/WB             | Q25LWK1-GN/WB             | Q18LWK1-RT/WB             | Q25LWK1-RT/WB             |
| ↙  | Q18LWK1R-WS/WB            | Q25LWK1R-WS/WB            | Q18LWK1R-GN/WB            | Q25LWK1R-GN/WB            | Q18LWK1R-RT/WB            | Q25LWK1R-RT/WB            |
|    | <b>3 positions</b>        | <b>3 positions</b>        | <b>3 positions</b>        | <b>3 positions</b>        | <b>3 positions</b>        | <b>3 positions</b>        |
| ↘↘ | Q18LWK3-WS/WB             | Q25LWK3-WS/WB             | Q18LWK3-GN/WB             | Q25LWK3-GN/WB             | Q18LWK3-RT/WB             | Q25LWK3-RT/WB             |
| ↘  | Q18LWK3R-WS/WB            | Q25LWK3R-WS/WB            | Q18LWK3R-GN/WB            | Q25LWK3R-GN/WB            | Q18LWK3R-RT/WB            | Q25LWK3R-RT/WB            |
| ↘↘ | Q18LWK3R1-WS/WB           | Q25LWK3R1-WS/WB           | Q18LWK3R1-GN/WB           | Q25LWK3R1-GN/WB           | Q18LWK3R1-RT/WB           | Q25LWK3R1-RT/WB           |
| ↘↘ | Q18LWK3R2-WS/WB           | Q25LWK3R2-WS/WB           | Q18LWK3R2-GN/WB           | Q25LWK3R2-GN/WB           | Q18LWK3R2-RT/WB           | Q25LWK3R2-RT/WB           |



| Additional labelling         |                                          |                        |
|------------------------------|------------------------------------------|------------------------|
|                              | Insert plates                            | Label mounts, complete |
|                              | 10 x 22 mm                               | 25 x 38 mm             |
|                              | 01SQ25                                   | Q25TS-01               |
|                              | 02SQ25                                   | Q25TS-02               |
|                              | 05SQ25                                   | Q25TGE-05              |
|                              | 111SQ25                                  | Q25TS-111              |
|                              | 110SQ25                                  | Q25TS-110              |
|                              | 10SQ25                                   | Q25TS-10               |
|                              | 11SQ25                                   | Q25TS-11               |
|                              | without                                  | Q25TS-X                |
| Additional texts and symbols | See Industrial Switchgear Main Catalogue |                        |

| Cover plate                                               |            |
|-----------------------------------------------------------|------------|
| IP 65                                                     |            |
| For surface mounting enclosures and flush mounting panels | 25 x 38 mm |
|                                                           | Q25AS      |
|                                                           | Q25AGR     |
|                                                           | Q25AGE     |

| Laser inscription                        |
|------------------------------------------|
| Labelling plates                         |
| See Industrial Switchgear Main Catalogue |



| Blanking plug, IP 65 |            |            |
|----------------------|------------|------------|
|                      | 18 x 18 mm | 25 x 38 mm |
|                      | Q18BS      | Q25BS      |

| Lights                                                     |             |              |                     |
|------------------------------------------------------------|-------------|--------------|---------------------|
| Socket Wedge Base W2x4,6d<br>Positive pole connected to X1 |             |              |                     |
| Filament lamps                                             | 6 V / 1 W   | 12 V / 1 W   | 24-28 V / 1 W       |
|                                                            | WBGL6       | WBGL12       | WBGL24              |
| LEDs (AC / DC)                                             | 6 V / 45 mA | 12 V / 24 mA | 18-30 V / 7-12.5 mA |
|                                                            | —           | —            | LEDWB-W             |
|                                                            | WBLED-GN6   | WBLED-GN12   | LEDWB-G             |
|                                                            | WBLED-RT6   | WBLED-RT12   | LEDWB-R             |
|                                                            | WBLED-GE6   | WBLED-GE12   | LEDWB-Y             |
|                                                            | —           | —            | LEDWB-B             |