1. Mounting

1.1 General mounting instructions

The device head is plugged in permanently and accurately in the mounting hole. The lugs are self-latching so that the mounting flange is directly put on the back of the front plate and screwed into the bayonet. Turn the supplied mounting tool to the right to fix the mounting flange.

The contact bracket serves to preassemble the RF contact elements. The fixing flange includes mounting flange, contact bracket and the 2 plunger segments. In the case two or three contact elements are arranged beside each other (1st layer), 1 plunger element (in the case of two contacts) or 2 plunger elements (in the case of three contacts) are fitted onto the middle contact element by simply plugging them in the trapezoid groovings left and right of the housing. These plunger segments serve to actuate the contact elements located in position 2 and 3. No plunger segments are required for contact elements arranged beneath each other.

After snapping the elements onto the contact brackets, the contact fittings installed to the left and the right are tipped up (90°) and snapped into place by pushing. By snapping the contact carrier onto the mounting flange, the contact elements are additionally fixed. In this way, incorrect assembly or detachment of the elements due to vibrations is not possible.

In case of a contact multiplication (starting from the 4th contact), the NC contact elements should be fitted in the uppermost row (i.e. the row closest to the front plate) in order for the above-described mechanical fixing becoming effective.

Assembly of the command devices (top row) for front plate thickness 1...6 mm

1. Assembly of operating element and flange by turning the RMW mounting tool to the right (a = actuating head, b = mounting flange)

2. Opening the contact lug
3. Preliminary assembly of the contact elements on the contact carrier (c)

Prior to the assembly of the contact elements onto the contact carrier, the two plunger segments must be fitted onto the central contact element through simple insertion in the trapezoid groovings to the left and the right. Snap this contact element onto the central position (1) of the contact carrier. Other contact elements can be fitted onto the contact carrier in position 2 and 3.

4. Close and push down the contact lug

The contact elements can be wired.

5. Assembly of the preassembled contact carrier on the mounting flange

The contact lugs to the left and the right are folded up 90° and then pressed down until they engage. This means that the contact elements are additionally mechanically secured to the contact support (also refer to item 4 of this mounting instructions manual).

Engage the contact support on the mounting flange on one side. Then repeat this process on the opposite side.

6. First row ready mounted (with 3 contact elements)

The contact lugs are automatically additionally fixed once the contact support has been snapped onto the mounting flange. In this way, incorrect assembly is prevented. The correct assembly must be checked once again.

7. Assembly at second contact element level

In case of a contact multiplication (starting from the 4th contact), the NC contact elements should be fitted in the uppermost row (i.e. the row closest to the front plate) in order for the above-described mechanical fixing becoming effective. 3 additional elements are possible if 3 contact elements are installed in the 1st row.

8. Second contact element level ready mounted (with 2 or 3 contact elements)

Pushbutton with max. number of contacts (6 contact elements)

1) Only fit onto clean, grease-free surface!
2) Caution: after fitting of the contact elements, both contact lugs (to the left and right of the contact elements) must be folded up 90° and then pressed down until they engage. To ensure a smooth disassembly of the contact carrier, we recommend using a slot screwdriver of 5.5 mm wide.
2. Disassembly and disposal

2.1 Disassembly
Disassembly of the RF.. elements

1. + 2. Disassembly of the contact elements of the second row
Place the screwdriver in the latch of the contact element. The latch is pressed outwards through slight movement of the screwdriver in the direction of the contact element. This releases the contact element from the one above. If necessary this should be repeated on the opposite side.

3. Second row disassembled

4. Disassembly of the contact carrier from the mounting flange
Insert the screwdriver in the latch of the contact support. The unlocking device is opened through slight pressure against the mounting flange. Now additionally move the screwdriver gently in the direction of the contact support – this releases the contact support from the mounting flange. This procedure should be repeated on the opposite side.

5. Disassembled contact carrier and opening of the contact lug
By lifting both contact lugs, these are released from the latching mechanism and can be folded back 90°. Now, the contact elements can be disassembled.

6. + 7. Disassembly of the contact elements of the first row
The disassembly of the contact elements is now possible as described in 1. and 2. The outer contact elements should be disassembled first. After that, the central contact element can be disassembled as well.

2.2 Disposal
The safety switchgear must be disposed of in an appropriate manner in accordance with the national prescriptions and legislations.