

Installation and operating instructions

Residual Current-operated Circuit Breakers (RCCBs) Type F 660

GH F660 7012 P2



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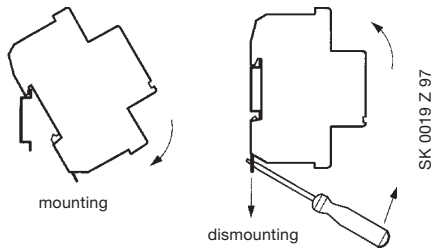


Made in Germany

1. Technical data: see printing

2. Mounting:

Installation in the desired position by means of snap-on mounting to DIN-rails according to EN 60 715, 35 mm.



Protection against unintentional direct touch acc. to DIN VDE 0106 part 100.

Mounting and dismounting only allowed by an authorized electrician.

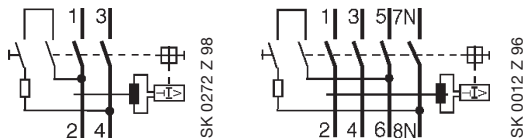
3. Connection:

The supply may be connected from above or below as required. Care should be taken to ensure a good, secure connection to the conductor.

Maximum screwdriver torque 3 Nm.

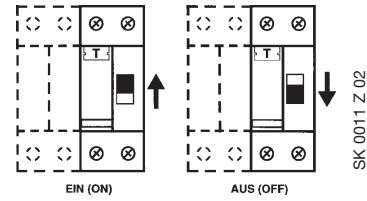
When the 4-pole RCD would be installed as a 2-pole RCD, the terminals 5 and 7 respectively 6 and 8 must be connected, to ensure the test device function of the RCD.

In the three-phase mains with U_n 127/230 V (without neutral N) the terminals 4 and 8 must be bridge.



4. Operation:

The F 660 is switched ON ("I") and OFF ("O") by means of the blue switch handle.



5. Functional test:

For the functional test the switch must be in the ON ("I") position and the white test pushbutton pressed. The RCCB must trip immediately, the blue switch handle jumps to the lower position "O", the contact position indicator turns from red to green.

The functional test should be repeated monthly.

6. Testing the protective measures:

As well as the functional test of the RCCB the effectiveness, of the protective measures should be tested for compliance with the relevant specifications.

The maximum permissible earthing resistance for the residual current-operated protective switching are:

Max. permissible touch voltage U_L a.c.	Max. permissible earthing resistance with rated residual operated current $I_{\Delta n}$		
	30 mA	100 mA	300 mA
25 V	833 Ω	250 Ω	83 Ω
50 V	1666 Ω	500 Ω	166 Ω

7. Cleaning:

RCCBs which may have become soiled during assembly work in the switchboard can be cleaned with a damp, soapy cloth. On no account should corrosive or similar solvents be used.

8. Faults:

STOTZ Residual Current operated Circuit Breaker (RCCB) are high quality RCCBs which are subjected to careful adjustment and testing in the factory. In the event of damage (e.g. due to transport or storage) no repairs should be undertaken. If the RCCB trips immediately when being commissioned, a check should be made for connections to earth in the downstream electrical circuits and the appliances connected to them. Any insulation faults between the neutral conductor and the protective conductor should be eliminated.

If the RCCB does not trip during the first functional test, a check should then be made as to whether the test circuit has been correctly connected.

If the installation is correct and the RCCB continues to trip or if the functional test has not been successful the Residual Current operated Circuit Breaker must be replaced.

In case of opening the RCCB, the right to claim under guarantee expires.

Accessories

Terminal covers

For protection against accidental contact with the connection terminals, sealable. For installation over the upper terminals, the two side pieces should be broken off before the cover is pushed onto the terminal housing.

For F 662	M 662/100	GH F660 1910 R0001	1 set/2 pcs.
For F 664	M 664/100	GH F660 1920 R0001	1 set/2 pcs.