

## MI\_2109: Modification residual current circuit breaker



iVario 2-XS / iVario Pro 2-S



30 min.



Standard



02/06/2026

**General information**

This section describes the retrofitting for unit sizes 2-XS and 2-S. The retrofitting for unit sizes L and XL can be found in the next section.

The illustrations in this manual are examples only and may differ from the unit.

**Safety instructions** **DANGER****High voltage when connecting to the mains power**

Danger to life when working with high voltage.

- Disconnect from the power supply.
- Secure against unintentional switching on.
- Make sure the unit is disconnected from the power.

 **CAUTION****Water damage**

If water leaks, the unit can be damaged.

- Turn off the water supply to the unit.
- Use the hand shower to check if the water supply has been turned off.

 **CAUTION****Sharp edges on the housing**

Risk of cuts on the housing when working in the electrical compartment.  
Wear protective gloves.

**NOTICE****Incorrect objects for opening the control panel**

The housing and seal can be damaged by pointed or sharp objects.

- Do not use any sharp or pointy objects to press the control panel upwards.

NOTICE

Damage to the cable trunk and the control panel when removing the control panel

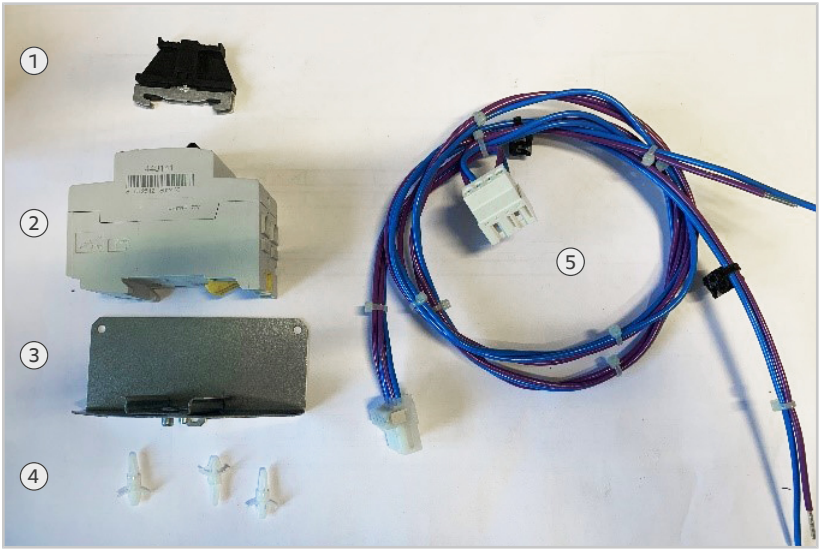
The control panel is connected to the installation compartment by a cable trunk.

- Remove the control panel carefully in order not to damage the cable trunk.
- Put down the control panel carefully and protect it against scratching.

Required components

| Kit:                                                   | Item number:                              |
|--------------------------------------------------------|-------------------------------------------|
| Residual current circuit breaker kit, iVario 2-XS, 2-S | 87.01.819S<br>(For Australia: 87.01.817S) |

Components included in delivery:



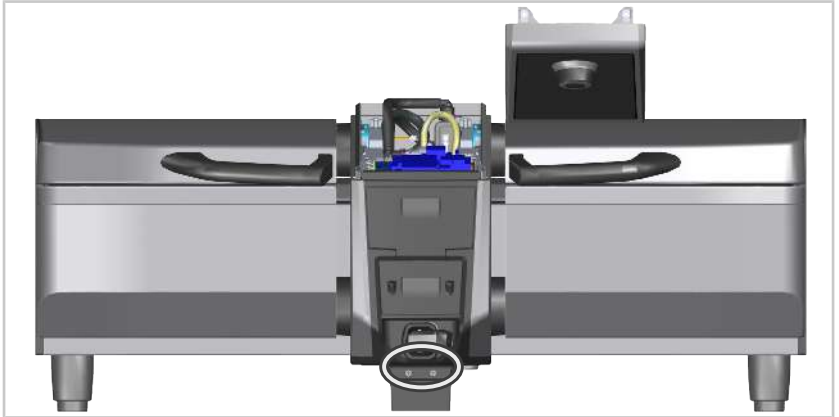
|   |                                  |   |                       |
|---|----------------------------------|---|-----------------------|
| 1 | End terminal                     | 4 | Board retaining clips |
| 2 | Residual current circuit breaker | 5 | Cable loom            |
| 3 | Mounting rail                    |   |                       |

Installing the residual current device

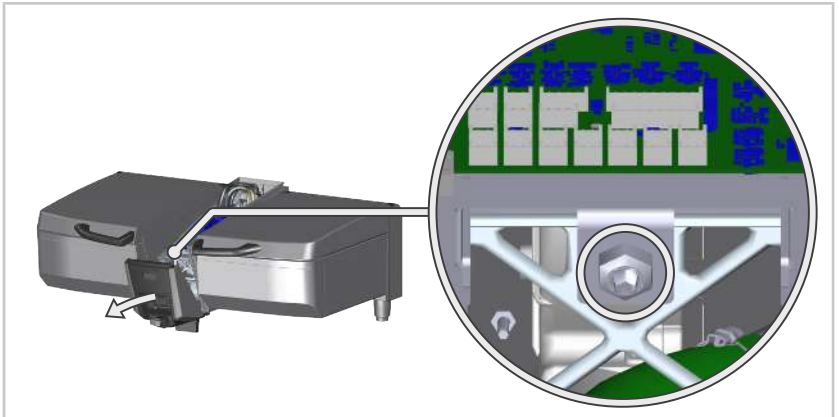
The residual current device is installed on the underside of the I/O board carrier.

- ✓ The control panel is open.

1. Remove the 2 screws at the bottom of the console panel.

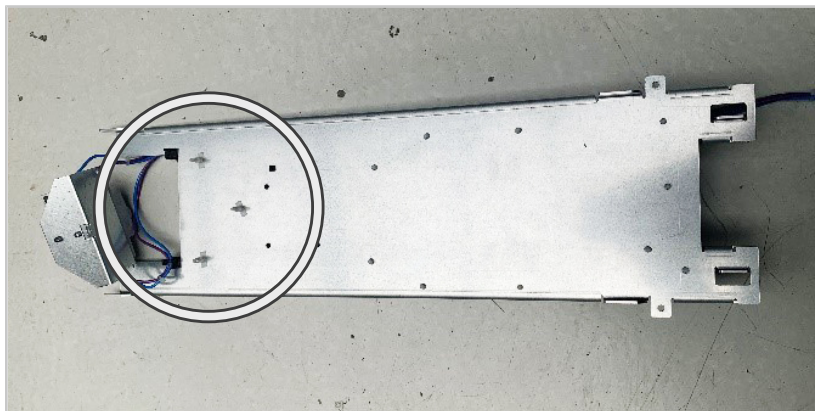


2. Pull the console panel forward so that you can remove the screw from the circuit board holder.

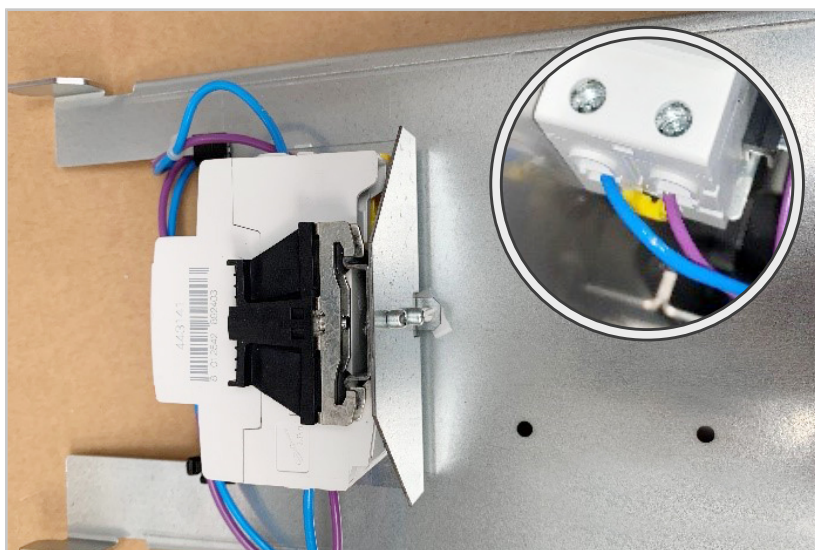


3. Remove the screw from the circuit board holder.
4. Turn the board carrier sufficiently, so that the residual current device can be installed on the underside.

5. Fasten the 3 board retaining clips on the board carrier.



6. Attach the mounting rail to the board retaining clips.
7. Attach the residual current device and the end terminal on the mounting rail and attach the wire harness.



8. Unplug the plug X152 from the socket on the protection board and connect it to the socket on the new wire harness.

9. Connect the plug of the new wire harness to socket X152 on the protection board.



10. Test the function using the test switch on the residual current circuit breaker.
  11. Turn the board carrier back to its original position and fasten the screw of the board carrier. Close the console panel.
  12. Close the control panel.
- >> The residual current device has been installed.

## MI\_2109: Modification residual current circuit breaker



iVario Pro L / XL



30 min.



Standard



02/06/2026

**General information**

This section describes the retrofitting for unit sizes L and XL. The retrofitting for unit sizes 2-XS and 2-S can be found in the previous section.

The illustrations in this manual are examples only and may differ from the unit.

**Safety instructions**** DANGER****High voltage when connecting to the mains power**

Danger to life when working with high voltage.

- Disconnect from the power supply.
- Secure against unintentional switching on.
- Make sure the unit is disconnected from the power.

** CAUTION****Water damage**

If water leaks, the unit can be damaged.

- Turn off the water supply to the unit.
- Use the hand shower to check if the water supply has been turned off.

** CAUTION****Sharp edges on the housing**

Risk of cuts on the housing when working in the electrical compartment.  
Wear protective gloves.

**NOTICE****Incorrect objects for opening the control panel**

The housing and seal can be damaged by pointed or sharp objects.

- Do not use any sharp or pointy objects to press the control panel upwards.

## NOTICE

### Damage to the cable trunk and the control panel when removing the control panel

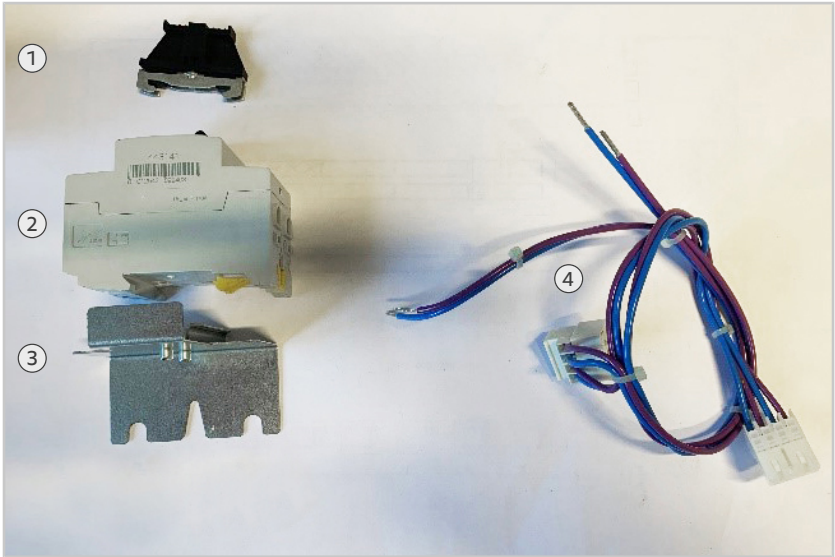
The control panel is connected to the installation compartment by a cable trunk.

- Remove the control panel carefully in order not to damage the cable trunk.
- Put down the control panel carefully and protect it against scratching.

### Required components

| Kit:                                                   | Article number:                           |
|--------------------------------------------------------|-------------------------------------------|
| Kit residual current circuit breaker, iVario Pro L, XL | 87.01.820S<br>(For Australia: 87.01.818S) |

Components included in delivery:



|   |                                  |   |               |
|---|----------------------------------|---|---------------|
| 1 | End terminal                     | 3 | Mounting rail |
| 2 | Residual current circuit breaker | 4 | Cable loom    |

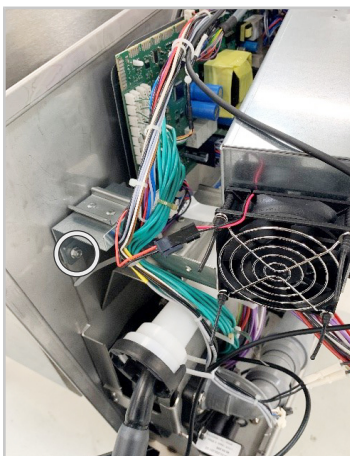
### Installing the residual current device

- ✓ The electrical compartment is open.

1. Remove the screw on the metal bracket for the SSRs, in order to open the metal bracket to the side.



2. Remove the nut on the side panel.
3. Attach the mounting rail with the nut.



4. Attach the residual current device and the end terminal on the mounting rail and attach the wire harness. Make sure that the red marking on the residual current device is pointing towards the I/O board.



5. Unplug the plug X152 from the socket on the protection board and connect it to the socket on the new wire harness.
6. Connect the plug of the new wire harness to socket X152 on the protection board.



7. Test the function using the test switch on the residual current circuit breaker.
  8. Close the electrical compartment.
- >> The residual current device has been installed.