

MI_2093: Modification Potential-free Contact

 iVario 2-XS / 2-S

 45 min

 Standard

 22/01/2026

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 section 2.

Overview

Required parts from the conversion kit for the potential-free contact:

Conversion kit for the potential-free contact, article numbers: 87.01.821S	
1	Auxiliary contact (40.07.454 / 40.03.137)
2	Clamp (40.06.506)
3	End plate (40.06.507)
4	Identification clips
5	Cable trunking option potential-free contact (40.07.456)
6	Cable gland M20x1.5 (40.00.320S)
7	Sealing for cable gland ISO20 (40.07.150)
8	Fastener (plug) for cable gland M20 (40.04.525)

 **DANGER**

High voltages when connecting to the mains power

Danger to life due to high voltage.

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

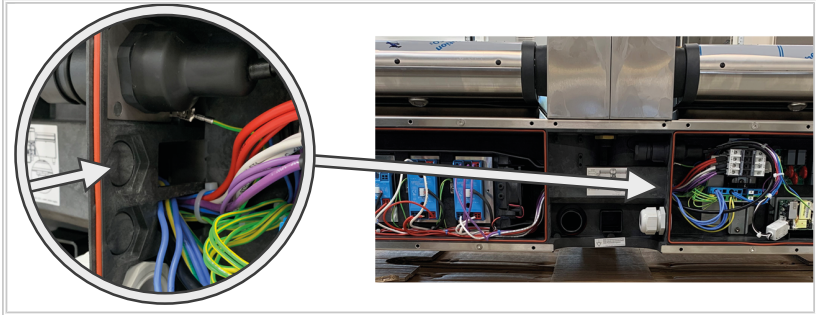
 **CAUTION**

Sharp edges on the housing

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

Mounting the cable gland

- ✓ The unit is disconnected from the power.
- ✓ The cable gland is ready for use.
- 1. Open the electrical compartment, as described in the original installation instructions for the unit iVario 2-XS / iVario Pro2-S in section 6.2 *Opening the electrical compartment*. The electrical compartment is located behind the right cover on the rear of the unit.
- 2. Pierce one of the perforations with a suitable tool.



- 3. Attach the cable gland with seal and plug to the broken out position.
 - > The cable gland is mounted.

Removing the contactor

- ✓ The electrical compartment is open
- 1. Remove the contactor.

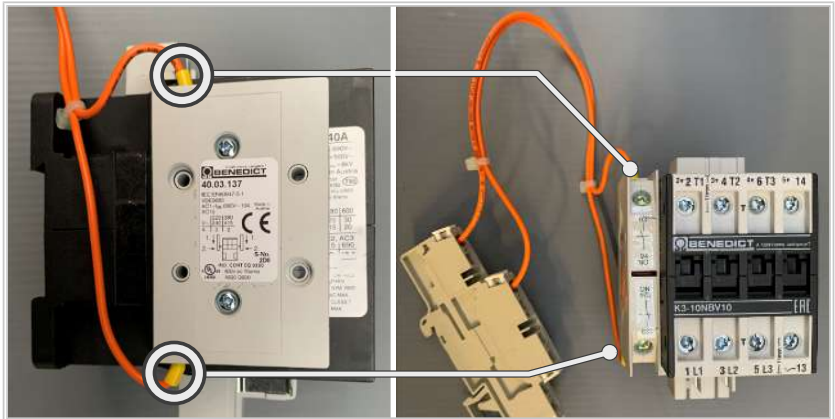


>> The contactor has been removed.

Attach the auxiliary contact

Voltage type	Article number of the auxiliary contact
3 NAC 400 V 3 NAC 415 V	40.07.454
3 AC 220 V 3 AC 220 V 3 AC 208 V / 240 V 3 AC 230 V	40.03.137
3 AC 440 V 3 AC 400 V 3 AC 415 V 3 AC 440 V / 480 V	Observe the unit size! iVario 2-XS: 40.07.454 iVario Pro 2-S: 40.03.137

- ✓ The contactor has been removed.
- 1. Tighten the corresponding auxiliary contact on the left side of the contactor using the 2 screws supplied. The auxiliary contact depends on the voltage type and the unit size.
- 2. Mount the end plate on the open side of the clamp and attach the auxiliary contact.



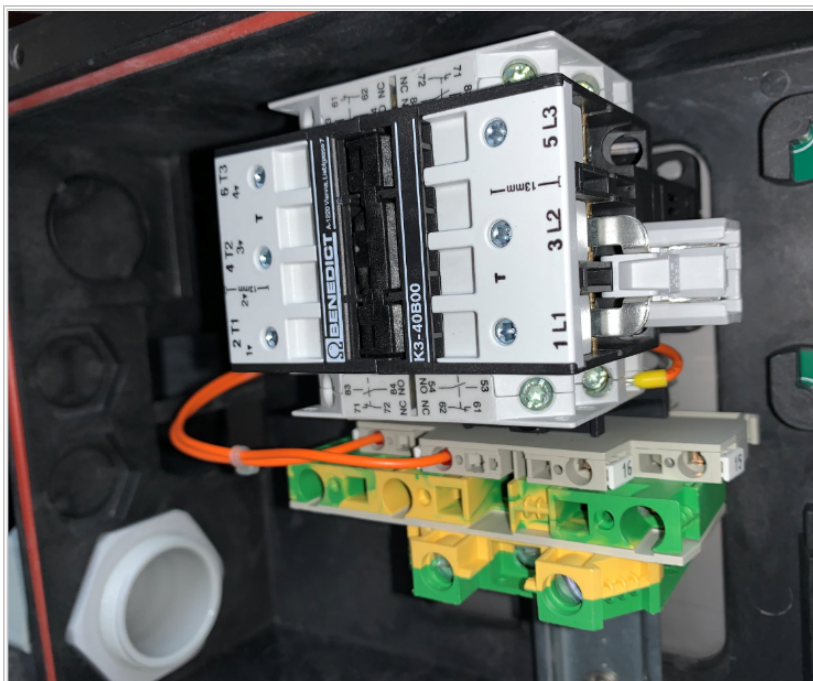
>> The auxiliary contact is attached to the contactor and the clamp.

Installing the contactor, clamp and auxiliary contact

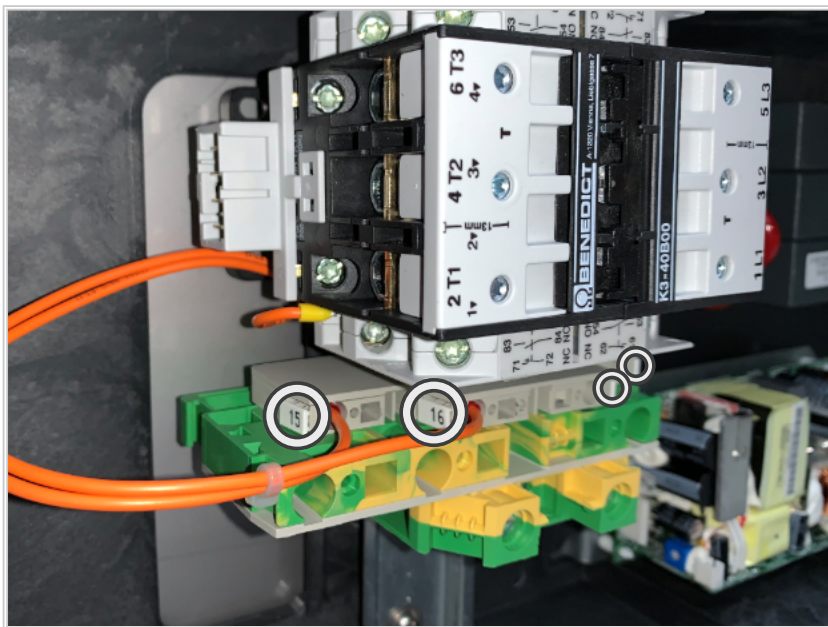
NOTICE

When installing the clamp, make sure that the end plate is on the upper side of the clamp.

- ✓ The auxiliary contact is attached to the contactor and the clamp.
- ✓ The end plate is mounted on the clamp.
- 1. Fasten the contactor and the clamp with the end plate in the electrical compartment.



2. Make markings 15 and 16 on each side of the clamp.



3. Close the electrical compartment, as described in the original installation manual iVario 2-XS / iVario Pro2-S in section 6.7 *Closing the electrical compartment*.

>> The contactor, clamp and auxiliary contact have been installed.

MI_2093: Modification Potential-free Contact

 iVario L, XL

 30 min

 Standard

 22/01/2026

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 section 1.

Overview

Required parts from the conversion kit for the potential-free contact:

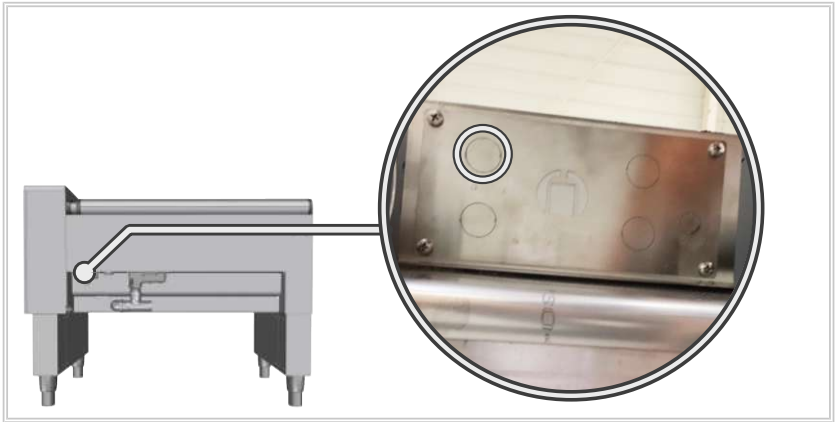
Conversion kit potential-free contact, article numbers: 87.01.821S	
1	Auxiliary contact (40.07.454)
2	Cable gland M20x1.5 (40.00.320)
3	Sealing for cable gland ISO20 (40.07.150)
4	Fastener (plug) for cable gland M20 (40.04.525)

 DANGER

- High voltages when connecting to the mains power**
Danger to life due to high voltage.
- Disconnect from the power supply.
 - Secure against unintentional switching on.
 - Make sure the unit is disconnected from the power.

Mounting the cable gland

- ✓ The unit is disconnected from the power.
 - ✓ The cable gland is ready for use.
1. Remove the rear mounting plate for the cable gland on the rear of the unit.



2. Pierce the marked perforation with a suitable tool. If this is already in use, choose another perforation.
 3. Attach the cable gland with seal and plug to the broken out position.
 4. Screw the mounting plate on.
- >> The cable gland is mounted.

Attaching the auxiliary contact to the contactor

CAUTION

Sharp edges on the housing

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

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.

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.

- ✓ The unit is disconnected from the power.
- 1. Open the electrical compartment, as described in the original installation manual for the unit iVario Pro L / XL in section 6.2 *Opening the electrical compartment*.
- 2. Screw on the auxiliary contact (article number 40.07.454) in the corresponding position. The position depends on the contactor.

Fuse	Position of the auxiliary contact
Contactor K3-18	 Position 2

Fuse	Position of the auxiliary contact
K3-24, K3-40 or K3-74	 Position 3

3. Close the electrical compartment, as described in the original installation manual for the units iVario Pro L / XL in section 6.7 *Closing the electrical compartment*.
- >> The auxiliary contact is attached to the contactor.