

# MACX MCR-UI-UI-NC - Signal conditioner



2811446

<https://www.phoenixcontact.com/us/products/2811446>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Configurable 3-way isolating amplifier with safe electrical isolation, 24 V, power bridging. DIP switches on the front, over 1600 signal conversions can be set. Standard configuration (IN 0 ... 10 V/OUT 0 ... 20 mA), screw connection, SIL.

## Your advantages

- Power supply possible via DIN rail connector
- Over 1600 signal conversions can be set via DIP switches on the front
- Installation in zone 2 permitted
- Up to SIL 2 in accordance with EN 61508
- 3-way electrical isolation
- Analog signal conditioner for isolating, filtering, amplifying, and converting standard analog signals
- Configurable input and output signals, including bipolar current and voltage signals
- 10 kHz limit frequency for time-critical applications
- Status indicator for supply voltage
- Active or passive output
- Plug-in screw or spring-cage connection technology (Push-in technology)

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2811446       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | C402          |
| Product key                          | DK1111        |
| GTIN                                 | 4046356288927 |
| Weight per piece (including packing) | 178.05 g      |
| Weight per piece (excluding packing) | 150 g         |
| Customs tariff number                | 85437090      |
| Country of origin                    | DE            |

## Technical data

### Product properties

|                 |                    |
|-----------------|--------------------|
| Product type    | Signal conditioner |
| Product family  | MACX Analog        |
| No. of channels | 1                  |
| Configuration   | DIP switches       |

### Electrical properties

|                                                 |                                       |
|-------------------------------------------------|---------------------------------------|
| Alignment span                                  | ± 4 %                                 |
| Alignment zero                                  | ± 4 %                                 |
| Electrical isolation between input and output   | yes                                   |
| Limit frequency (3 dB)                          | 10 kHz (Can be switched to 30 Hz)     |
| Maximum power dissipation for nominal condition | < 0.7 W (20 mA)                       |
| Protective circuit                              | Transient protection                  |
| Step response (10-90%)                          | 35 µs (10 kHz)                        |
|                                                 | 11 ms (30 Hz)                         |
| Maximum temperature coefficient                 | 0.0075 %/K                            |
| Maximum transmission error                      | ≤ 0.1 % (Compared to the final value) |

### Electrical isolation

|                      |                         |
|----------------------|-------------------------|
| Test voltage         | 2.5 kV AC (50 Hz, 60 s) |
| Overvoltage category | II                      |
| Pollution degree     | 2                       |

### Electrical isolation Input/output/power supply IEC/EN 61010-1

|                          |                      |
|--------------------------|----------------------|
| Standards/regulations    | IEC/EN 61010-1       |
| Rated insulation voltage | 300 V <sub>rms</sub> |
| Insulation               | Safe isolation       |

### Electrical isolation Input/output/power supply IEC/EN 60079-7

|                          |                |
|--------------------------|----------------|
| Standards/regulations    | IEC/EN 60079-7 |
| Rated insulation voltage | 250 V AC/DC    |

### Supply

|                              |                                     |
|------------------------------|-------------------------------------|
| Nominal supply voltage range | 12 V DC ... 24 V DC -20 % ... +25 % |
| Supply voltage range         | 9.6 V DC ... 30 V DC                |
| Power dissipation            | 500 mW (at 24 V DC / 20 mA)         |
| Power consumption            | ≤ 700 mW                            |

### Input data

#### Signal: Voltage/current

|                      |                |
|----------------------|----------------|
| Number of inputs     | 1              |
| Voltage input signal | 0 mV ... 50 mV |
|                      | 0 mV ... 60 mV |

# MACX MCR-UI-UI-NC - Signal conditioner



2811446

<https://www.phoenixcontact.com/us/products/2811446>

|                           |                                               |
|---------------------------|-----------------------------------------------|
|                           | 0 mV ... 75 mV                                |
|                           | 0 mV ... 100 mV                               |
|                           | 0 mV ... 120 mV                               |
|                           | 0 mV ... 150 mV                               |
|                           | 0 mV ... 200 mV                               |
|                           | 0 mV ... 300 mV                               |
|                           | 0 mV ... 500 mV                               |
|                           | 0 V ... 1 V                                   |
|                           | 0 V ... 1.5 V                                 |
|                           | 0 V ... 2 V                                   |
|                           | 0 V ... 3 V                                   |
|                           | 0 V ... 5 V                                   |
|                           | 0 V ... 10 V (Configurable via DIP switches)  |
|                           | 0 V ... 15 V                                  |
|                           | 0 V ... 20 V                                  |
|                           | 0 V ... 30 V                                  |
|                           | 0 V ... 50 V                                  |
|                           | 0 V ... 100 V                                 |
|                           | -50 mV ... 50 mV                              |
|                           | -60 mV ... 60 mV                              |
|                           | -75 mV ... 75 mV                              |
|                           | -100 mV ... 100 mV                            |
|                           | -120 mV ... 120 mV                            |
|                           | -150 mV ... 150 mV                            |
|                           | -200 mV ... 200 mV                            |
|                           | -300 mV ... 300 mV                            |
|                           | -500 mV ... 500 mV                            |
|                           | -1 V ... 1 V                                  |
|                           | -1.5 V ... 1.5 V                              |
|                           | -2 V ... 2 V                                  |
|                           | -3 V ... 3 V                                  |
|                           | -5 V ... 5 V                                  |
|                           | -10 V ... 10 V                                |
|                           | -15 V ... 15 V                                |
|                           | -20 V ... 20 V                                |
|                           | -30 V ... 30 V                                |
|                           | -50 V ... 50 V                                |
|                           | -100 V ... 100 V                              |
|                           | 1 V ... 5 V                                   |
|                           | 2 V ... 10 V                                  |
| Min. voltage input signal | ± 50 mV                                       |
| Max. voltage input signal | ± 100 V                                       |
| Current input signal      | 0 mA ... 1 mA (Configurable via DIP switches) |
|                           | 0 mA ... 1.5 mA                               |

# MACX MCR-UI-UI-NC - Signal conditioner



2811446

<https://www.phoenixcontact.com/us/products/2811446>

|                                   |                                         |
|-----------------------------------|-----------------------------------------|
|                                   | 0 mA ... 2 mA                           |
|                                   | 0 mA ... 3 mA                           |
|                                   | 0 mA ... 5 mA                           |
|                                   | 0 mA ... 10 mA                          |
|                                   | 0 mA ... 15 mA                          |
|                                   | 0 mA ... 20 mA                          |
|                                   | 0 mA ... 30 mA                          |
|                                   | 0 mA ... 50 mA                          |
|                                   | 0 mA ... 100 mA                         |
|                                   | -1 mA ... 1 mA                          |
|                                   | -1.5 mA ... 1.5 mA                      |
|                                   | -2 mA ... 2 mA                          |
|                                   | -3 mA ... 3 mA                          |
|                                   | -5 mA ... 5 mA                          |
|                                   | -10 mA ... 10 mA                        |
|                                   | -15 mA ... 15 mA                        |
|                                   | -20 mA ... 20 mA                        |
|                                   | -30 mA ... 30 mA                        |
|                                   | -50 mA ... 50 mA                        |
|                                   | -100 mA ... 100 mA                      |
|                                   | 1 mA ... 5 mA                           |
|                                   | 2 mA ... 10 mA                          |
|                                   | 4 mA ... 20 mA                          |
|                                   |                                         |
|                                   |                                         |
|                                   |                                         |
| Minimum current input signal      | ± 1 mA                                  |
| Max. current input signal         | ± 100 mA                                |
| Input resistance of voltage input | approx. 1 MΩ (±1 V DC ... ±100 V DC)    |
| Input resistance current input    | approx. 10 Ω (±10 mA DC ... ±100 mA DC) |

## Output data

Signal: Voltage/current

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Number of outputs             | 1                                            |
| Configurable/programmable     | Yes, can be switched                         |
| Voltage output signal         | 0 V ... 10 V (Configurable via DIP switches) |
|                               | 0 V ... 5 V                                  |
|                               | 2 V ... 10 V                                 |
|                               | 1 V ... 5 V                                  |
|                               | -10 V ... 10 V                               |
|                               | -5 V ... 5 V                                 |
|                               | 0 V ... 2.5 V                                |
|                               | 0.5 V ... 2.5 V                              |
|                               | -2.5 V ... 2.5 V                             |
|                               |                                              |
| Output signal voltage inverse | 0 V ... 2.5 V                                |
|                               | 0 V ... 5 V                                  |

# MACX MCR-UI-UI-NC - Signal conditioner



2811446

<https://www.phoenixcontact.com/us/products/2811446>

|                                 |                                                         |
|---------------------------------|---------------------------------------------------------|
|                                 | 0 V ... 10 V                                            |
| Current output signal           | 0 mA ... 5 mA                                           |
|                                 | 0 mA ... 10 mA                                          |
|                                 | 0 mA ... 20 mA (Configurable via DIP switches)          |
|                                 | 1 mA ... 5 mA                                           |
|                                 | 2 mA ... 10 mA                                          |
|                                 | 4 mA ... 20 mA                                          |
|                                 | -5 mA ... 5 mA                                          |
|                                 | -10 mA ... 10 mA                                        |
|                                 | -20 mA ... 20 mA                                        |
|                                 |                                                         |
| Output signal current inverse   | 0 mA ... 5 mA                                           |
|                                 | 0 mA ... 10 mA                                          |
|                                 | 0 mA ... 20 mA                                          |
| Load/output load voltage output | $\geq 1 \text{ k}\Omega$ (10 V)                         |
| Load/output load current output | $\leq 600 \Omega$ (20 mA; active)                       |
|                                 | passive: $\leq (U_B - 2 \text{ V}) / I_{\text{outmax}}$ |
| Ripple                          | $< 10 \text{ mV}_{\text{rms}}$                          |

## Connection data

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Connection method                | Screw connection                            |
| Stripping length                 | 7 mm                                        |
| Screw thread                     | M3                                          |
| Conductor cross-section rigid    | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross-section flexible | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross-section AWG      | 24 ... 14                                   |
| Tightening torque                | 0.5 Nm ... 0.6 Nm                           |

## Test socket

|               |      |
|---------------|------|
| Max. diameter | 2 mm |
|---------------|------|

## Ex data

|                       |        |
|-----------------------|--------|
| Ex installation (EPL) | Gc     |
|                       | Div. 2 |

## Dimensions

|                     |          |
|---------------------|----------|
| Dimensional drawing |          |
| Width               | 12.5 mm  |
| Height              | 112.5 mm |
| Depth               | 113.7 mm |

|                 |                                                                        |
|-----------------|------------------------------------------------------------------------|
| Depth NS 35/7,5 | 114.5 mm (Snapped onto DIN rail NS 35/7,5 in accordance with EN 60715) |
|-----------------|------------------------------------------------------------------------|

## Material specifications

|                  |                 |
|------------------|-----------------|
| Color            | gray (RAL 7042) |
| Housing material | PA 6.6-FR       |

## Environmental and real-life conditions

### Ambient conditions

|                                         |                           |
|-----------------------------------------|---------------------------|
| Degree of protection                    | IP20 (not assessed by UL) |
| Ambient temperature (operation)         | -20 °C ... 70 °C          |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C          |

### Altitude range (≤ 2000 m)

|                                 |                                                                                                                                                      |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Altitude                        | ≤ 2000 m (The technical data refers to altitudes ≤2000 m above mean sea level. For altitudes >2000 m above mean sea level, refer to the data sheet.) |
| Ambient temperature (operation) | -20 °C ... 70 °C                                                                                                                                     |

### Altitude range (≤ 3000 m)

|                                 |                     |
|---------------------------------|---------------------|
| Height range                    | > 2000 m ... 3000 m |
| Ambient temperature (operation) | -20 °C ... 60 °C    |
| Rated insulation voltage        | 190 V               |

### Altitude range (≤ 4000 m)

|                                 |                     |
|---------------------------------|---------------------|
| Height range                    | > 3000 m ... 4000 m |
| Ambient temperature (operation) | -20 °C ... 55 °C    |
| Rated insulation voltage        | 63 V                |

### Altitude range (≤ 5000 m)

|                                 |                     |
|---------------------------------|---------------------|
| Height range                    | > 4000 m ... 5000 m |
| Ambient temperature (operation) | -20 °C ... 45 °C    |
| Rated insulation voltage        | 63 V                |

## Approvals

### CE

|             |              |
|-------------|--------------|
| Certificate | CE-compliant |
|-------------|--------------|

### ATEX

|                |                          |
|----------------|--------------------------|
| Identification | Ⓔ II 3 G Ex ec IIC T4 Gc |
| Certificate    | BVS 10 ATEX E 059 X      |

### UKCA Ex (UKEX)

|                |                          |
|----------------|--------------------------|
| Identification | Ⓔ II 3 G Ex nA IIC T4 Gc |
| Certificate    | PxCIF21UKEX2811284X      |

### IECEX

# MACX MCR-UI-UI-NC - Signal conditioner



2811446

<https://www.phoenixcontact.com/us/products/2811446>

|                |                    |
|----------------|--------------------|
| Identification | Ex ec IIC T4 Gc    |
| Certificate    | IECEX BVS 10.0044X |

## CCC / China-Ex

|                |                  |
|----------------|------------------|
| Identification | Ex ec IIC T4 Gc  |
| Certificate    | 2021122304114077 |

## UL, USA/Canada

|                |                                       |
|----------------|---------------------------------------|
| Identification | UL 61010 Listed                       |
|                | Class I, Div. 2, Groups A, B, C, D T6 |
|                | Class I, Zone 2, Group IIC            |

## Shipbuilding approval

|             |                   |
|-------------|-------------------|
| Certificate | DNV GL TAA000020C |
|-------------|-------------------|

## Safety Integrity Level (SIL, IEC 61508)

|                |   |
|----------------|---|
| Identification | 2 |
|----------------|---|

## INMETRO

|                |                 |
|----------------|-----------------|
| Identification | Ex ec IIC T4 Gc |
| Certificate    | DNV 21.0063 X   |

## Shipbuilding data

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| Temperature | B                                                                                       |
| Humidity    | B                                                                                       |
| Vibration   | A                                                                                       |
| EMC         | A                                                                                       |
| Enclosure   | Required protection according to the Rules shall be provided upon installation on board |

## EMC data

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| Electromagnetic compatibility | Conformance with EMC directive                                       |
| Noise immunity                | EN 61000-6-2                                                         |
| Note                          | When being exposed to interference, there may be minimal deviations. |

## Noise emission

|                       |              |
|-----------------------|--------------|
| Standards/regulations | EN 61000-6-4 |
|-----------------------|--------------|

## Electromagnetic HF field

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Designation                                            | Electromagnetic RF field |
| Standards/regulations                                  | EN 61000-4-3             |
| Typical deviation from the measuring range final value | 1 %                      |

## Fast transients (burst)

|                                                        |                         |
|--------------------------------------------------------|-------------------------|
| Designation                                            | Fast transients (burst) |
| Standards/regulations                                  | EN 61000-4-4            |
| Typical deviation from the measuring range final value | 1 %                     |

# MACX MCR-UI-UI-NC - Signal conditioner



2811446

<https://www.phoenixcontact.com/us/products/2811446>

## Conducted interference

|                                                        |                         |
|--------------------------------------------------------|-------------------------|
| Designation                                            | Conducted interferences |
| Standards/regulations                                  | EN 61000-4-6            |
| Typical deviation from the measuring range final value | 1 %                     |

## Standards and regulations

### GB Standard

|                       |             |
|-----------------------|-------------|
| Standards/regulations | GB/T 3836.1 |
|                       | GB/T 3836.3 |

## Mounting

|                   |                   |
|-------------------|-------------------|
| Mounting type     | DIN rail mounting |
| Mounting position | any               |



# MACX MCR-UI-UI-NC - Signal conditioner

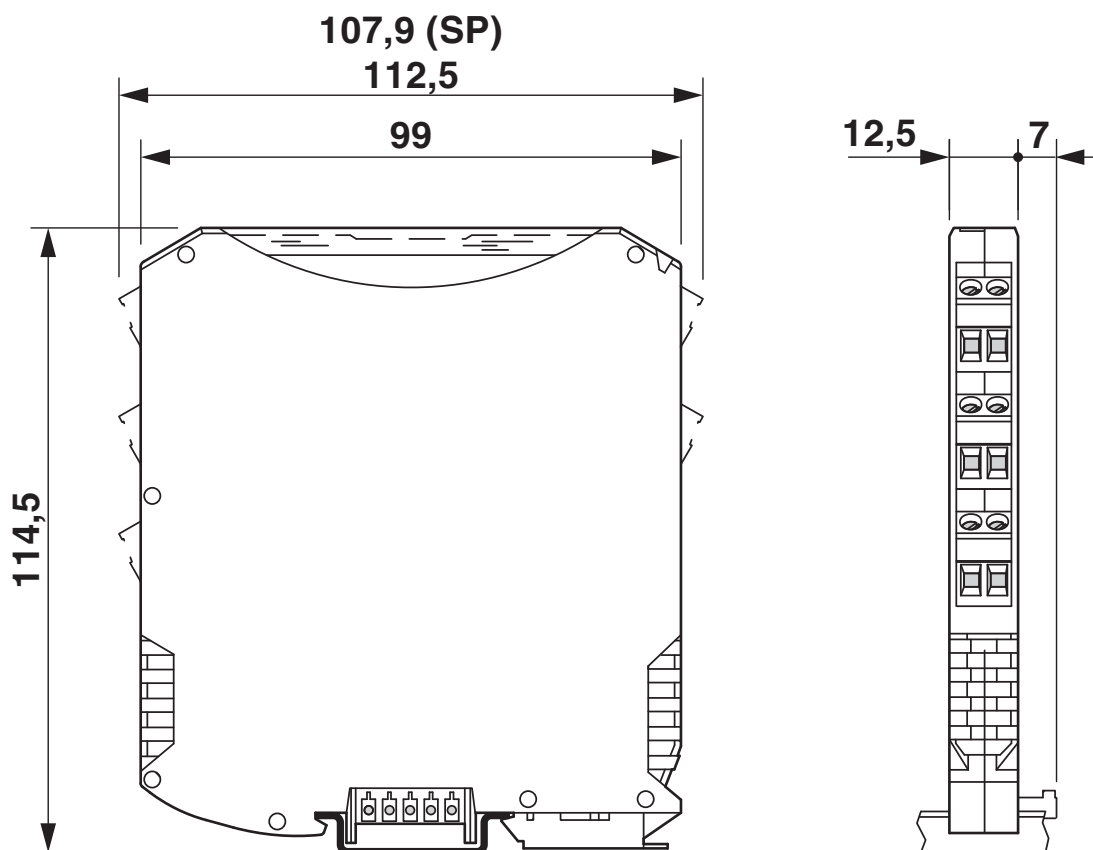
2811446

<https://www.phoenixcontact.com/us/products/2811446>



## Drawings

Dimensional drawing

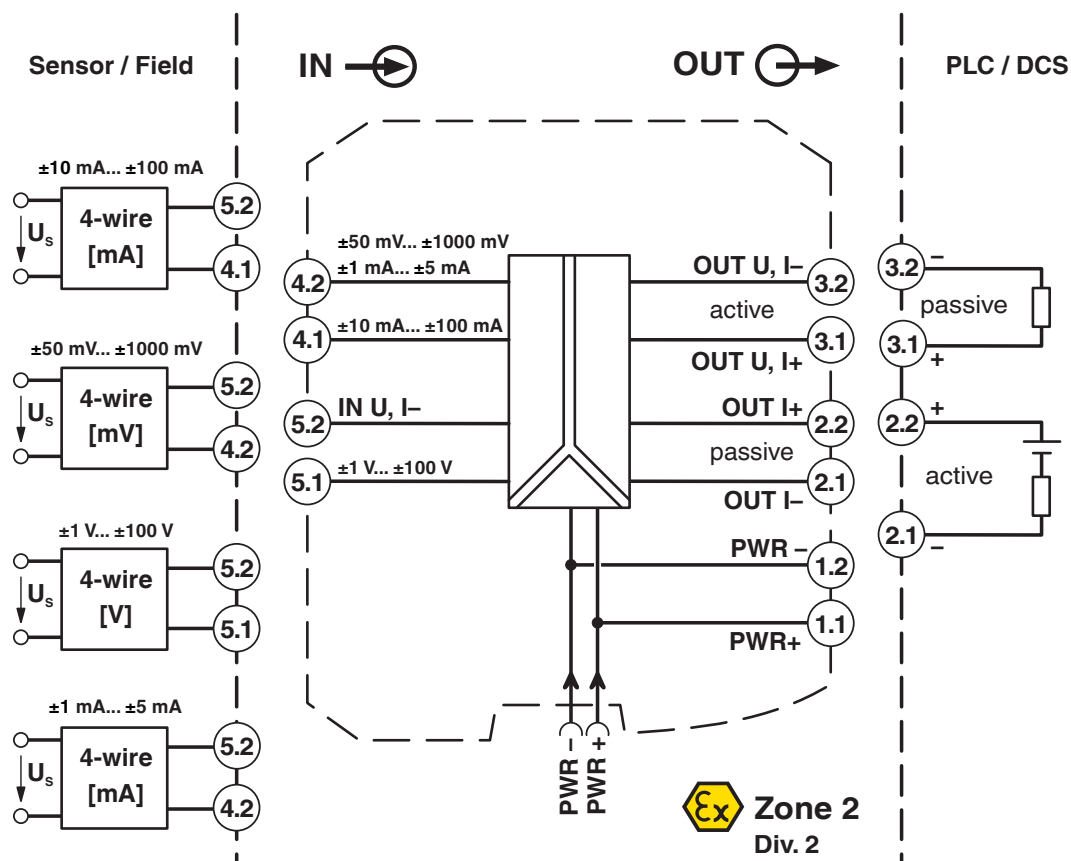


# MACX MCR-UI-UI-NC - Signal conditioner

2811446

<https://www.phoenixcontact.com/us/products/2811446>

Block diagram



# MACX MCR-UI-UI-NC - Signal conditioner



2811446

<https://www.phoenixcontact.com/us/products/2811446>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2811446>

### DNV

Approval ID: TAA000020C



### UL Listed

Approval ID: E330267



### cUL Listed

Approval ID: E330267

### Functional Safety

Approval ID: BVS Pb 01/10



### EAC Ex

Approval ID: TP012 103.01 00078



### IECEx

Approval ID: IECEx BVS 10.0044X



### CCC

Approval ID: 2021122304114077



### cUL Listed

Approval ID: E199827



### UL Listed

Approval ID: FILE E 199827



### ATEX

Approval ID: BVS 10 ATEX E059 X

### INMETRO

Approval ID: DNV 21.0063X

# MACX MCR-UI-UI-NC - Signal conditioner



2811446

<https://www.phoenixcontact.com/us/products/2811446>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27210120 |
| ECLASS-15.0 | 27210120 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002653 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121000 |
|-------------|----------|

Environmental product compliance

|                                         |                                                                                                                                                                                                                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS                                 |                                                                                                                                                                                                                                   |
| Fulfills EU RoHS substance requirements | Yes                                                                                                                                                                                                                               |
| Exemption                               | 6(c), 7(a), 7(c)-I                                                                                                                                                                                                                |
| China RoHS                              |                                                                                                                                                                                                                                   |
| Environment friendly use period (EFUP)  | EFUP-50                                                                                                                                                                                                                           |
|                                         | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |
| EU REACH SVHC                           |                                                                                                                                                                                                                                   |
| REACH candidate substance (CAS No.)     | Lead(CAS: 7439-92-1)                                                                                                                                                                                                              |
| SCIP                                    | ff23c732-d8ee-457c-9118-b5b9a55ba528                                                                                                                                                                                              |

# MACX MCR-UI-UI-NC - Signal conditioner



2811446

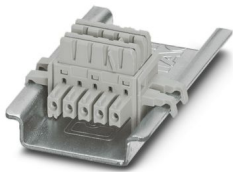
<https://www.phoenixcontact.com/us/products/2811446>

## Accessories

ME 6,2 TBUS-2 1,5/5-ST-3,81 GY - DIN rail bus connector

2695439

<https://www.phoenixcontact.com/us/products/2695439>



DIN rail bus connector (TBUS), 5-pos., for bridging the supply voltage, can be snapped onto NS 35/... DIN rail in accordance with EN 60715

---

MCR-DP - Separating plate

1430594

<https://www.phoenixcontact.com/us/products/1430594>



The partition plate is used to maintain Ex i isolating distances when Ex i and non-Ex i devices are mounted side by side on a DIN rail.

# MACX MCR-UI-UI-NC - Signal conditioner



2811446

<https://www.phoenixcontact.com/us/products/2811446>

## EA-MSTB 2,5/ 5 - Accessories

1831016

<https://www.phoenixcontact.com/us/products/1831016>

Cover for screw shafts of the MSTB connector ranges with a pitch of 5.0 mm and 5.08 mm. These can be aligned and shortened for use with different numbers of positions.



---

## TC-D37SUB-AIO16-EX-PS-UNI - Module carrier

2902932

<https://www.phoenixcontact.com/us/products/2902932>

Universal termination carrier for connecting 16 MACX Analog Ex i signal conditioners to digital or analog I/O cards, via D-SUB connector, 37-pos. (1:1 connection), with HART multiplexer connection



# MACX MCR-UI-UI-NC - Signal conditioner

2811446

<https://www.phoenixcontact.com/us/products/2811446>



## TC-D37SUB-ADIO16-EX-P-UNI - Module carrier

2924854

<https://www.phoenixcontact.com/us/products/2924854>



Universal termination carrier for connecting 16 MACX Analog Ex i signal conditioners to digital or analog I/O cards, via D-SUB connector, 37-pos. (1:1 connection)

---

## MPS-IH WH - Insulating sleeve

0201663

<https://www.phoenixcontact.com/us/products/0201663>

Insulating sleeve, color: white





# MACX MCR-UI-UI-NC - Signal conditioner

2811446

<https://www.phoenixcontact.com/us/products/2811446>



## MPS-IH RD - Insulating sleeve

0201676

<https://www.phoenixcontact.com/us/products/0201676>

Insulating sleeve, color: red



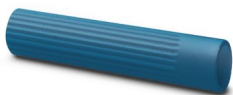
---

## MPS-IH BU - Insulating sleeve

0201689

<https://www.phoenixcontact.com/us/products/0201689>

Insulating sleeve, color: blue



# MACX MCR-UI-UI-NC - Signal conditioner

2811446

<https://www.phoenixcontact.com/us/products/2811446>



## MPS-IH YE - Insulating sleeve

0201692

<https://www.phoenixcontact.com/us/products/0201692>

Insulating sleeve, color: yellow



---

## MPS-IH GN - Insulating sleeve

0201702

<https://www.phoenixcontact.com/us/products/0201702>

Insulating sleeve, color: green



# MACX MCR-UI-UI-NC - Signal conditioner

2811446

<https://www.phoenixcontact.com/us/products/2811446>



## MPS-IH GY - Insulating sleeve

0201728

<https://www.phoenixcontact.com/us/products/0201728>

Insulating sleeve, color: gray



---

## MPS-IH BK - Insulating sleeve

0201731

<https://www.phoenixcontact.com/us/products/0201731>

Insulating sleeve, color: black



# MACX MCR-UI-UI-NC - Signal conditioner



2811446

<https://www.phoenixcontact.com/us/products/2811446>

## MPS-MT - Test plug

0201744

<https://www.phoenixcontact.com/us/products/0201744>



Test plug, with solder connection up to 1 mm<sup>2</sup> conductor cross-section, number of positions: 1, color: gray

---

## UC-EMLP (11X9) - Plastic label

0819291

<https://www.phoenixcontact.com/us/products/0819291>



Plastic label, Sheet, white, unmarked, can be labeled with: BLUEMARK E. CARD, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: adhesive, Number of individual labels: 10, text field height: 9 mm, text field width: 11 mm

# MACX MCR-UI-UI-NC - Signal conditioner



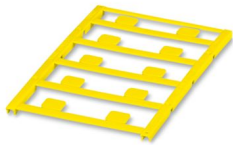
2811446

<https://www.phoenixcontact.com/us/products/2811446>

## UC-EMLP (11X9) YE - Plastic label

0822602

<https://www.phoenixcontact.com/us/products/0822602>



Plastic label, Sheet, yellow, unmarked, can be labeled with: BLUEMARK E. CARD, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: adhesive, Number of individual labels: 10, text field height: 9 mm, text field width: 11 mm

---

## UC-EMLP (11X9) CUS - Plastic label

0824547

<https://www.phoenixcontact.com/us/products/0824547>



Plastic label, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: adhesive, text field height: 9 mm, text field width: 11 mm

# MACX MCR-UI-UI-NC - Signal conditioner



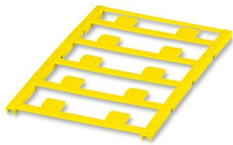
2811446

<https://www.phoenixcontact.com/us/products/2811446>

## UC-EMLP (11X9) YE CUS - Plastic label

0824548

<https://www.phoenixcontact.com/us/products/0824548>



Plastic label, can be ordered: by sheet, yellow, labeled according to customer specifications, mounting type: adhesive, text field height: 9 mm, text field width: 11 mm

---

## UC-EMLP (11X9) SR - Plastic label

0828094

<https://www.phoenixcontact.com/us/products/0828094>



Plastic label, Sheet, silver, unmarked, can be labeled with: BLUEMARK E. CARD, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: adhesive, Number of individual labels: 10, text field height: 9 mm, text field width: 11 mm

# MACX MCR-UI-UI-NC - Signal conditioner



2811446

<https://www.phoenixcontact.com/us/products/2811446>

## UC-EMLP (11X9) SR CUS - Plastic label

0828098

<https://www.phoenixcontact.com/us/products/0828098>



Plastic label, can be ordered: by sheet, silver, labeled according to customer specifications, mounting type: adhesive, Number of individual labels: 10, text field height: 9 mm, text field width: 11 mm

---

## US-EMLP (11X9) - Plastic label

0828789

<https://www.phoenixcontact.com/us/products/0828789>



Plastic label, Card, white, unmarked, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, THERMOMARK PRIME 2.0, mounting type: adhesive, Number of individual labels: 135, text field height: 9 mm, text field width: 11 mm

# MACX MCR-UI-UI-NC - Signal conditioner



2811446

<https://www.phoenixcontact.com/us/products/2811446>

## US-EMLP (11X9) YE - Plastic label

0828871

<https://www.phoenixcontact.com/us/products/0828871>



Plastic label, Card, yellow, unmarked, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, THERMOMARK PRIME 2.0, mounting type: adhesive, Number of individual labels: 135, text field height: 9 mm, text field width: 11 mm

---

## US-EMLP (11X9) SR - Plastic label

0828872

<https://www.phoenixcontact.com/us/products/0828872>



Plastic label, Card, silver, unmarked, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, THERMOMARK PRIME 2.0, mounting type: adhesive, Number of individual labels: 135, text field height: 9 mm, text field width: 11 mm



# MACX MCR-UI-UI-NC - Signal conditioner



2811446

<https://www.phoenixcontact.com/us/products/2811446>

## LS-EMLP (11X9) WH - Device marker

0831678

<https://www.phoenixcontact.com/us/products/0831678>

Device marker, Sheet, white, unmarked, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: adhesive, Number of individual labels: 255, text field height: 9 mm, text field width: 11 mm



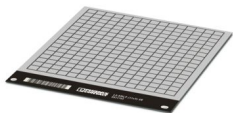
---

## LS-EMLP (11X9) SR - Device marker

0831705

<https://www.phoenixcontact.com/us/products/0831705>

Device marker, Sheet, silver, unmarked, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: adhesive, Number of individual labels: 255, text field height: 9 mm, text field width: 11 mm



# MACX MCR-UI-UI-NC - Signal conditioner



2811446

<https://www.phoenixcontact.com/us/products/2811446>

## LS-EMLP (11X9) YE - Device marker

0831732

<https://www.phoenixcontact.com/us/products/0831732>

Device marker, Sheet, yellow, unmarked, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: adhesive, Number of individual labels: 255, text field height: 9 mm, text field width: 11 mm



---

## MACX MCR-PTB - Power and error message module

2865625

<https://www.phoenixcontact.com/us/products/2865625>

Power and fault signaling module with screw connection, including corresponding ME 17,5 TBUS 1,5/ 5-ST-3,81 GY DIN rail connector



# MACX MCR-UI-UI-NC - Signal conditioner



2811446

<https://www.phoenixcontact.com/us/products/2811446>

## MACX MCR-PTB-SP - Power and error message module

2924184

<https://www.phoenixcontact.com/us/products/2924184>



Power and fault signaling module with Push-in connection, including corresponding ME 17,5 TBUS 1,5/ 5-ST-3,81 GY DIN rail connector

---

## QUINT4-SYS-PS/1AC/24DC/2.5/SC - Power supply

2904614

<https://www.phoenixcontact.com/us/products/2904614>



Primary-switched power supply, QUINT POWER, screw connection, DIN rail mounting, supply of devices possible via the TBUS DIN rail connector, protective coating, input: single-phase, output: 24 V DC/2.5 A

# MACX MCR-UI-UI-NC - Signal conditioner

2811446

<https://www.phoenixcontact.com/us/products/2811446>



## SZS 0,6X3,5 - Screwdriver

1205053

<https://www.phoenixcontact.com/us/products/1205053>



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

---

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)