

## Repeater power supply - MACX MCR-EX-SL-RPSSI-2I - 2865366

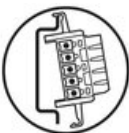
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Ex i measuring transducer power supply and input signal conditioner, HART-transparent. Transfers supplied or active 0/4...20 mA electrically isolated signals from the Ex area to two loads in the safe area. 4-way electrical isolation, screw connection, SIL, PL.

### Your advantages

- ✓ 0/4 mA ... 20 mA input, intrinsically safe, [Ex ia], powered and not powered
- ✓ Measuring transducer supply voltage > 16 V
- ✓ Two electrically isolated 0/4 mA ... 20 mA (active) outputs
- ✓ Bidirectional HART transmission (both outputs)
- ✓ Error indication according to NAMUR NE 43
- ✓ SIL 2 according to IEC 61508/EN 61508
- ✓ Safe electrical isolation between input, outputs, and supply
- ✓ Power supply possible via DIN rail connector
- ✓ Installation in zone 2 permitted
- ✓ Plug-in connection terminal blocks, screw connection technology, with integrated sockets for HART communicators
- ✓ Housing width: 12.5 mm
- ✓ Minimal power dissipation
- ✓ High transmission accuracy



COMPLETE line

### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| GTIN                                 | <br>4 046356 160384 |
| GTIN                                 | 4046356160384                                                                                           |
| Weight per Piece (excluding packing) | 160.000 g                                                                                               |
| Custom tariff number                 | 85437090                                                                                                |
| Country of origin                    | Germany                                                                                                 |

# Repeater power supply - MACX MCR-EX-SL-RPSSI-2I - 2865366

## Technical data

### Note

|                         |                                                                           |
|-------------------------|---------------------------------------------------------------------------|
| Utilization restriction | EMC: class A product, see manufacturer's declaration in the download area |
|-------------------------|---------------------------------------------------------------------------|

### Dimensions

|        |                                                                        |
|--------|------------------------------------------------------------------------|
| Width  | 12.5 mm                                                                |
| Height | 112.5 mm                                                               |
| Depth  | 113.7 mm                                                               |
|        | 114.5 mm (Snapped onto DIN rail NS 35/7,5 in accordance with EN 60715) |

### Ambient conditions

|                                         |                                                                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------|
| Ambient temperature (operation)         | -20 °C ... 60 °C (Any mounting position)                                          |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C                                                                  |
| Maximum altitude                        | ≤ 2000 m                                                                          |
| Permissible humidity (operation)        | 10 % ... 95 % (non-condensing)                                                    |
| Degree of protection                    | IP20 (not assessed by UL)                                                         |
| Noise immunity                          | EN 61000-6-2 When being exposed to interference, there may be minimal deviations. |

### Input data

|                                   |                                                              |
|-----------------------------------|--------------------------------------------------------------|
| Signal input                      | Repeater power supply operation                              |
| Current input signal              | 4 mA ... 20 mA                                               |
| Transmitter supply voltage        | > 16 V (20 mA)                                               |
|                                   | > 15.1 V (23 mA)                                             |
| Underload/overload signal range   | 0 mA ... 24 mA (Extended transmission range for diagnostics) |
| Polarization and surge protection | Yes                                                          |
| Signal input                      | Signal conditioner operation                                 |
| Current input signal              | 0 mA ... 20 mA                                               |
|                                   | 4 mA ... 20 mA                                               |
| Voltage drop                      | < 3.9 V (in input isolating amplifier operation)             |
| Underload/overload signal range   | 0 mA ... 24 mA (Extended transmission range for diagnostics) |

### Output data

|                                          |                                               |
|------------------------------------------|-----------------------------------------------|
| Signal output                            | Repeater power supply operation               |
| Current output signal                    | 4 mA ... 20 mA (Output 1 and output 2 active) |
| Load/output load current output          | < 450 Ω (20 mA)                               |
|                                          | < 380 Ω (23 mA)                               |
| Output ripple                            | < 20 mV <sub>rms</sub>                        |
| Output behavior in the event of an error | 0 mA (Cable break in the input)               |
|                                          | ≥ 23 mA (Cable short-circuit in the input)    |

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## Technical data

### Output data

|                                          |                                         |
|------------------------------------------|-----------------------------------------|
| Signal output                            | Signal conditioner operation            |
| Current output signal                    | 0 mA ... 20 mA (active)                 |
|                                          | 4 mA ... 20 mA (active)                 |
| Load/output load current output          | < 450 $\Omega$ (20 mA)                  |
|                                          | < 380 $\Omega$ (23 mA)                  |
| Output ripple                            | < 20 mV <sub>rms</sub>                  |
| Output behavior in the event of an error | 0 mA (Cable break in the input)         |
|                                          | 0 mA (Cable short-circuit in the input) |

### Power supply

|                              |                                             |
|------------------------------|---------------------------------------------|
| Designation                  | Repeater power supply operation             |
| Nominal supply voltage       | 24 V DC                                     |
| Supply voltage range         | 19.2 V DC ... 30 V DC (24 V DC -20%...+25%) |
| Max. current consumption     | < 75 mA (24 V DC / 20 mA)                   |
| Power dissipation            | < 1.45 W (24 V DC / 20 mA)                  |
| Designation                  | Signal conditioner operation                |
| Nominal supply voltage       | 24 V DC                                     |
| Nominal supply voltage range | 19.2 V DC ... 30 V DC (24 V DC -20%...+25%) |
| Max. current consumption     | < 46 mA (24 V DC / 20 mA)                   |
| Power dissipation            | < 1.2 W (24 V DC / 20 mA)                   |

### Connection data

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Connection method                | Screw connection                            |
| Stripping length                 | 7 mm                                        |
| Screw thread                     | M3                                          |
| Conductor cross section solid    | 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                                   |
| Torque                           | 0.5 Nm ... 0.6 Nm                           |

### Connection data 2

|                 |             |
|-----------------|-------------|
| Connection name | Test socket |
| Max. diameter   | 2.3 mm      |

### General

|                                 |                           |
|---------------------------------|---------------------------|
| No. of channels                 | 1                         |
| Maximum transmission error      | < 0.1 % (of final value)  |
| Transmission error, typical     | < 0.05 % (of final value) |
| Maximum temperature coefficient | < 0.01 %/K                |

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## Technical data

### General

|                               |                                                       |
|-------------------------------|-------------------------------------------------------|
| Step response (10-90%)        | 1.3 ms (for jump 4 mA ... 20 mA, typical)             |
| Status display                | Green LED (PWR supply voltage)                        |
| Electromagnetic compatibility | Conformance with EMC directive                        |
| Interference emission         | EN 61000-6-4                                          |
| Housing material              | PA 6.6-FR                                             |
| Color                         | gray                                                  |
| Designation                   | Input/output/power supply                             |
| Rated insulation voltage      | 300 V <sub>rms</sub>                                  |
| Test voltage                  | 2.5 kV AC (50 Hz, 1 min.)                             |
| Insulation                    | Safe isolation in accordance with IEC/EN 61010-1      |
| Overvoltage category          | II                                                    |
| Degree of pollution           | 2                                                     |
| Designation                   | Input/output                                          |
| Electrical isolation          | 375 V (Peak value in accordance with IEC/EN 60079-11) |
| Designation                   | Input/power supply                                    |
| Electrical isolation          | 375 V (Peak value in accordance with IEC/EN 60079-11) |
| Designation                   | Output 1/output 2                                     |
| Test voltage                  | 1.5 kV AC (50 Hz, 1 min.)                             |

### Data communication (bypass)

|                     |      |
|---------------------|------|
| HART function       | Yes  |
| Protocols supported | HART |

### Safety data

|                                          |                                 |
|------------------------------------------|---------------------------------|
| Operation                                | Repeater power supply operation |
| Max. output voltage U <sub>o</sub>       | 25.2 V                          |
| Max. output current I <sub>o</sub>       | 93 mA                           |
| Max. output power P <sub>o</sub>         | 587 mW                          |
| Group                                    | IIC                             |
| Max. external inductivity L <sub>o</sub> | 300 mH                          |
| Max. external capacitance C <sub>o</sub> | 3.6 µF                          |
| Additional text                          | simple circuit                  |
| Group                                    | IIC                             |
| Max. external inductivity L <sub>o</sub> | 100 mH                          |
| Max. external capacitance C <sub>o</sub> | 510 nF                          |
| Additional text                          | mixed circuit                   |
| Group                                    | IIC                             |
| Max. external inductivity L <sub>o</sub> | 50 mH                           |

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## Technical data

### Safety data

|                                      |                              |
|--------------------------------------|------------------------------|
| Max. external capacitance $C_o$      | 580 nF                       |
| Additional text                      | mixed circuit                |
| Group                                | IIC                          |
| Max. external inductivity $L_o$      | 5 mH                         |
| Max. external capacitance $C_o$      | 600 nF                       |
| Additional text                      | mixed circuit                |
| Group                                | IIC                          |
| Max. external inductivity $L_o$      | 1 mH                         |
| Max. external capacitance $C_o$      | 600 nF                       |
| Additional text                      | mixed circuit                |
| Group                                | IIC                          |
| Max. external inductivity $L_o$      | 10 $\mu$ H                   |
| Max. external capacitance $C_o$      | 600 nF                       |
| Additional text                      | mixed circuit                |
| Group                                | IIB/IIIC                     |
| Max. external inductivity $L_o$      | 1000 mH                      |
| Max. external capacitance $C_o$      | 26 $\mu$ F                   |
| Additional text                      | simple circuit               |
| Group                                | IIB/IIA/IIIC                 |
| Max. external inductivity $L_o$      | 100 mH                       |
| Max. external capacitance $C_o$      | 1 $\mu$ F                    |
| Additional text                      | mixed circuit                |
| Group                                | IIB/IIA/IIIC                 |
| Max. external inductivity $L_o$      | 5 mH                         |
| Max. external capacitance $C_o$      | 1 $\mu$ F                    |
| Additional text                      | mixed circuit                |
| Group                                | IIB/IIA/IIIC                 |
| Max. external inductivity $L_o$      | 1 mH                         |
| Max. external capacitance $C_o$      | 1 $\mu$ F                    |
| Additional text                      | mixed circuit                |
| Group                                | IIB/IIA/IIIC                 |
| Max. external inductivity $L_o$      | 10 $\mu$ H                   |
| Max. external capacitance $C_o$      | 1 $\mu$ F                    |
| Additional text                      | mixed circuit                |
| Safety-related maximum voltage $U_m$ | 253 V AC (125 V DC)          |
| Operation                            | Signal conditioner operation |

# Repeater power supply - MACX MCR-EX-SL-RPSSI-2I - 2865366

## Technical data

### Safety data

|                                      |                       |
|--------------------------------------|-----------------------|
| Input voltage $U_i$                  | $\leq 30 \text{ V}$   |
| Input current $I_i$                  | $\leq 150 \text{ mA}$ |
| Max. internal inductance $L_i$       | negligible            |
| Max. internal capacitance $C_i$      | negligible            |
| Safety-related maximum voltage $U_m$ | 253 V AC (125 V DC)   |

### Standards and Regulations

|                               |                                |
|-------------------------------|--------------------------------|
| Electromagnetic compatibility | Conformance with EMC directive |
| Noise emission                | EN 61000-6-4                   |
| Designation                   | GB Standard                    |
| Standards/regulations         | GB 3626.20                     |
|                               | GB 3836.1                      |
|                               | GB 3836.4                      |
|                               | GB 3836.8                      |
|                               | GB 12476.1                     |
|                               | GB 12476.4                     |
| Group                         | IIC                            |
|                               | IIC                            |
|                               | IIC                            |
|                               | IIC                            |
|                               | IIC                            |
|                               | IIC                            |

### Conformance/approvals

|                 |                                      |
|-----------------|--------------------------------------|
| Designation     | CE                                   |
| Certificate     | CE-compliant                         |
| Additional text | and EN 61326                         |
| Designation     | ATEX                                 |
| Identification  | # II (1) G [Ex ia Ga] IIC            |
|                 | # II (1) D [Ex ia Da] IIIC           |
|                 | # II 3 (1) G Ex nA [ia Ga] IIC T4 Gc |
| Certificate     | BVS 10 ATEX E 143 X                  |
| Designation     | IECEX                                |
| Identification  | [Ex ia Ga] IIC                       |
|                 | [Ex ia Da] IIIC                      |
|                 | Ex nA [ia Ga] IIC T4 Gc              |
| Certificate     | IECEX BVS 10.0097X                   |
| Designation     | CCC / China-Ex                       |

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## Technical data

### Conformance/approvals

|                |                                                                                         |
|----------------|-----------------------------------------------------------------------------------------|
| Identification | [Ex ia Ga] IIC                                                                          |
|                | [Ex iaD]                                                                                |
|                | Ex nA [ia Ga] IIC T4 Gc                                                                 |
| Certificate    | NEPSI GYJ20.1308X                                                                       |
| Designation    | UL, USA/Canada                                                                          |
| Identification | IS for Class I,II,III, Division 1 and Zone 0                                            |
|                | Installation in Class I, Division 2 and Zone 2                                          |
| Certificate    | #, C.D.-No 83104549                                                                     |
| Designation    | UL, USA/Canada                                                                          |
| Identification | Class I Div 2; IS for Class I, II, III Div 1                                            |
| Certificate    | #, C.D.-No 83104549                                                                     |
| Designation    | Shipbuilding approval                                                                   |
| Certificate    | DNV GL TAA000020C                                                                       |
| Designation    | Safety Integrity Level (SIL, IEC 61508)                                                 |
| Identification | 2                                                                                       |
| Designation    | Performance Level (ISO 13849)                                                           |
| Identification | d                                                                                       |
| Designation    | EAC Ex                                                                                  |
| Identification | # [Ex ia Ga] IIC                                                                        |
|                | # [Ex ia Da] IIIC                                                                       |
| Certificate    | RU C-DE.AB72.B.00093/19                                                                 |
| Designation    | INMETRO                                                                                 |
| Identification | [Ex ia Ga] IIC                                                                          |
|                | [Ex ia Da] IIIC                                                                         |
|                | Ex nA [ia Ga] IIC T4 Gc                                                                 |
| Certificate    | DNV 18.0139 X                                                                           |
| Temperature    | B                                                                                       |
| Humidity       | B                                                                                       |
| Vibration      | A                                                                                       |
| EMC            | A                                                                                       |
| Enclosure      | Required protection according to the Rules shall be provided upon installation on board |

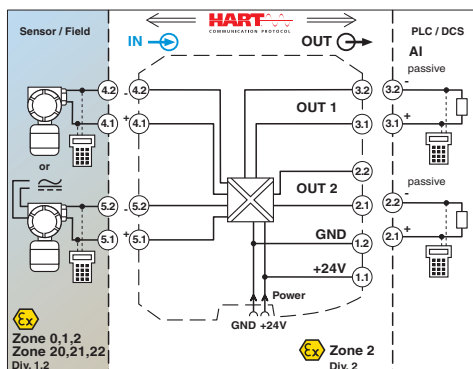
### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50 years                                                      |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

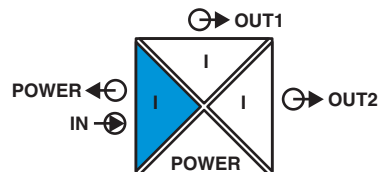
# Repeater power supply - MACX MCR-EX-SL-RPSSI-2I - 2865366

## Drawings

Block diagram



Pictogram



## Classifications

### eCI@ss

|               |          |
|---------------|----------|
| eCI@ss 10.0.1 | 27210120 |
| eCI@ss 11.0   | 27210120 |
| eCI@ss 4.0    | 27210100 |
| eCI@ss 4.1    | 27210100 |
| eCI@ss 5.0    | 27210100 |
| eCI@ss 5.1    | 27210100 |
| eCI@ss 6.0    | 27210100 |
| eCI@ss 7.0    | 27210120 |
| eCI@ss 9.0    | 27210120 |

### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002653 |
| ETIM 6.0 | EC002653 |
| ETIM 7.0 | EC002653 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211506 |
| UNSPSC 7.0901 | 39121008 |
| UNSPSC 11     | 39121008 |
| UNSPSC 12.01  | 39121008 |
| UNSPSC 13.2   | 39121008 |
| UNSPSC 18.0   | 39121008 |



## Repeater power supply - MACX MCR-EX-SL-RPSSI-2I - 2865366

### Classifications

#### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 19.0 | 39121008 |
| UNSPSC 20.0 | 39121008 |
| UNSPSC 21.0 | 39121008 |

### Approvals

#### Approvals

##### Approvals

UL Listed / cUL Listed / Functional Safety / DNV GL / CCC / cULus Listed

##### Ex Approvals

IECEx / UL Listed / cUL Listed / EAC Ex / ATEX / INMETRO / cULus Listed

#### Approval details

|           |                                                                                     |                                                                                                                                                       |               |
|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Listed |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 330267 |
|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|

|            |                                                                                     |                                                                                                                                                       |               |
|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| cUL Listed |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 330267 |
|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|

|                   |  |  |                 |
|-------------------|--|--|-----------------|
| Functional Safety |  |  | BVS PB 13-10-04 |
|-------------------|--|--|-----------------|

|        |                                                                                     |                                                                                   |            |
|--------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------|
| DNV GL |  | <a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a> | TAA000020C |
|--------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------|

|     |                                                                                     |  |                   |
|-----|-------------------------------------------------------------------------------------|--|-------------------|
| CCC |  |  | 2020322 316001579 |
|-----|-------------------------------------------------------------------------------------|--|-------------------|

|              |                                                                                     |  |  |
|--------------|-------------------------------------------------------------------------------------|--|--|
| cULus Listed |  |  |  |
|--------------|-------------------------------------------------------------------------------------|--|--|

## Repeater power supply - MACX MCR-EX-SL-RPSSI-2I - 2865366

### Accessories

#### Accessories

#### Device marking

##### Plastic label - UC-EMLP (11X9) - 0819291



Plastic label, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: adhesive, lettering field size: 11 x 9 mm, Number of individual labels: 10

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##### Plastic label - UC-EMLP (11X9) YE - 0822602



Plastic label, Sheet, yellow, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: adhesive, lettering field size: 11 x 9 mm, Number of individual labels: 10

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##### Plastic label - UC-EMLP (11X9) SR - 0828094



Plastic label, Sheet, silver, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: adhesive, lettering field size: 11 x 9 mm, Number of individual labels: 10

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##### Plastic label - US-EMLP (11X9) - 0828789



Plastic label, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: adhesive, lettering field size: 11 x 9 mm, Number of individual labels: 135

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##### Plastic label - US-EMLP (11X9) YE - 0828871



Plastic label, Card, yellow, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: adhesive, lettering field size: 11 x 9 mm, Number of individual labels: 135

## Repeater power supply - MACX MCR-EX-SL-RPSSI-2I - 2865366

### Accessories

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#### Plastic label - US-EMLP (11X9) SR - 0828872



Plastic label, Card, silver, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: adhesive, lettering field size: 11 x 9 mm, Number of individual labels: 135

#### Device marker - LS-EMLP (11X9) WH - 0831678



Device marker, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: adhesive, lettering field size: 11 x 9 mm, Number of individual labels: 255

#### Device marker - LS-EMLP (11X9) SR - 0831705



Device marker, Sheet, silver, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: adhesive, lettering field size: 11 x 9 mm, Number of individual labels: 255

#### Device marker - LS-EMLP (11X9) YE - 0831732



Device marker, Sheet, yellow, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: adhesive, lettering field size: 11 x 9 mm, Number of individual labels: 255

### DIN rail connector

#### DIN rail bus connectors - ME 6,2 TBUS-2 1,5/5-ST-3,81 GY - 2695439



DIN rail connector (TBUS), 5-pos., for bridging the supply voltage, can be snapped onto NS 35/... DIN rails according to EN 60715

## Repeater power supply - MACX MCR-EX-SL-RPSSI-2I - 2865366

### Accessories

#### Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663

Insulating sleeve, color: white



Insulating sleeve - MPS-IH RD - 0201676

Insulating sleeve, color: red



Insulating sleeve - MPS-IH BU - 0201689

Insulating sleeve, color: blue



Insulating sleeve - MPS-IH YE - 0201692

Insulating sleeve, color: yellow



Insulating sleeve - MPS-IH GN - 0201702

Insulating sleeve, color: green



## Repeater power supply - MACX MCR-EX-SL-RPSSI-2I - 2865366

### Accessories

Insulating sleeve - MPS-IH GY - 0201728

Insulating sleeve, color: gray



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Insulating sleeve - MPS-IH BK - 0201731

Insulating sleeve, color: black



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### Labeled device marker

Plastic label - UC-EMLP (11X9) CUS - 0824547



Plastic label, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: adhesive, lettering field size: 11 x 9 mm

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Plastic label - UC-EMLP (11X9) YE CUS - 0824548



Plastic label, can be ordered: by sheet, yellow, labeled according to customer specifications, mounting type: adhesive, lettering field size: 11 x 9 mm

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Plastic label - UC-EMLP (11X9) SR CUS - 0828098



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

## Repeater power supply - MACX MCR-EX-SL-RPSSI-2I - 2865366

### Accessories

#### Module carrier

Module carrier - TC-2D37SUB-ADIO32-2EX-P-UNI - 2904684



Universal Termination Carrier for connecting 16 two-channel MACX Analog Ex i signal conditioners to digital or analog I/O cards, via two D-SUB connectors, 37-pos. (1:1 connection)

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#### Power module

Power and error message module - MACX MCR-PTB - 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

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

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#### Programming cable

Cable adapter - GW HART USB MODEM - 1003824



USB HART modem cable for communication between a PC and HART devices, cable length: 1m.

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#### Test plug terminal block

## Repeater power supply - MACX MCR-EX-SL-RPSSI-2I - 2865366

### Accessories

Test plugs - MPS-MT - 0201744



Test plugs, with solder connection up to 1 mm<sup>2</sup> conductor cross section, color: gray