

# Power and error message module - MACX MCR-PTB-SP - 2924184

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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

## Your advantages

- ✓ Simple or redundant supply, decoupled from diode, protected against polarization
- ✓ Installation in zone 2 permitted
- ✓ Replaceable fuse
- ✓ Error message in the event of power supply failure or fuse fault
- ✓ Bus cable error message for MACX MCR-...(2)NAM... devices connected via DIN rail connectors
- ✓ Relay output (PDT) and flashing LED for error messages
- ✓ Supply current up to 3.75 A



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 pc  |
| GTIN         | <br>4 046356 342766 |
| GTIN         | 4046356342766   |

## Technical data

### Note

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

### Dimensions

|        |          |
|--------|----------|
| Width  | 17.5 mm  |
| Height | 99 mm    |
| Depth  | 114.5 mm |

### Ambient conditions

|                      |      |
|----------------------|------|
| Degree of protection | IP20 |
|----------------------|------|

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## Technical data

### Ambient conditions

|   |  |
|---|--|
| Ambient temperature (operation)         | -20 °C ... 60 °C (Any mounting position) |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C                         |
| Permissible humidity (operation)        | 5 % ... 95 % (non-condensing)            |
| Degree of pollution                     | 2  |

### General

|                      |      |
|----------------------|------|
| Degree of protection | IP20 |
|----------------------|------|

### Standards and Regulations

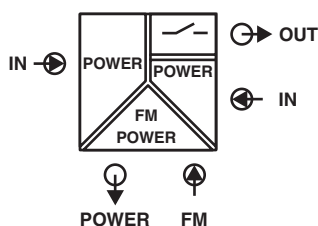
|  |                                       |
|--|---------------------------------------|
| Flammability rating according to UL 94 | V0                                    |
| Conformance                            | CE-compliant                          |
| ATEX                                   | # II 3 G Ex nA nC IIC T4 Gc X         |
| IECEX                                  | Ex nA nC IIC T4 Gc X                  |
| UL, USA/Canada                         | UL 61010 Listed                       |
|  | Class I, Div. 2, Groups A, B, C, D T5 |
|  | Class I, Zone 2, Group IIC            |

### Environmental Product Compliance

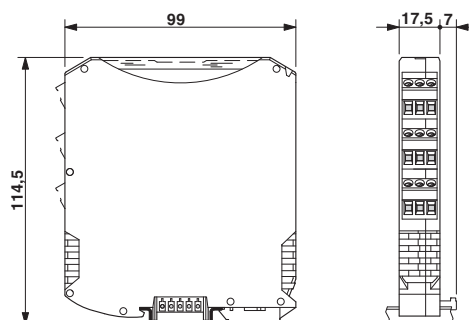
|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

Pictogram

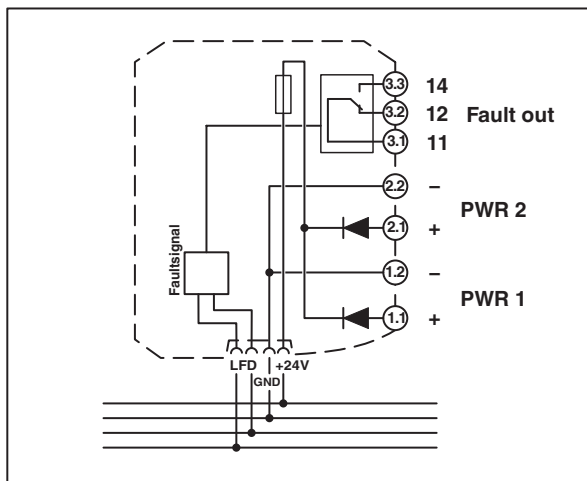


Dimensional drawing



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Block diagram



## Approvals

### Approvals

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#### Approvals

DNV GL / UL Listed / cUL Listed / cULus Listed

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#### Ex Approvals

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

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### Approval details

|        |  |   |            |
|--------|--|---|------------|
| DNV GL |  | <a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a> | TAA00000AG |
|--------|--|---|------------|

|           |  |   |               |
|-----------|--|---|---------------|
| 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 |
|------------|--|---|---------------|

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### Approvals

cULus Listed



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