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## Passive module - UM-4SL/SPT/ADR541/CS - 2968522

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Interface module for the connection of the field side via spring-cage connection to the Yokogawa ADR 541 card. Fuse (5 x 20) with fuse failure display (LED) per channel. AKB 334 system connection to the controller.

RoHS

### Key Commercial Data

|                                      |             |
|--------------------------------------|-------------|
| Packing unit                         | 1 STK       |
| Weight per Piece (excluding packing) | 1,015.000 g |
| Custom tariff number                 | 85369010    |
| Country of origin                    | Germany     |

### Technical data

#### Note

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

#### Dimensions

|        |          |
|--------|----------|
| Width  | 232.5 mm |
| Height | 126 mm   |
| Depth  | 104 mm   |

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

#### General

|                                 |   |
|---------------------------------|---|
| Note                            | Voltage monitoring on the module does not work in combination with upstream HESILED fuse terminal blocks with integrated LED display. |
| Max. perm. operating voltage    | 24 V DC $\pm$ 10 %  |
| Max. perm. current (per branch) | 630 mA  |

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### Technical data

#### General

|   |                           |
|---|---------------------------|
| Max. permissible current (all branches) | 6.3 A                     |
| Status display                          | Green LED                 |
| Mounting position                       | any                       |
| Assembly instructions                   | In rows with zero spacing |
| Standards/regulations                   | DIN EN 50178              |
| Rated surge voltage                     | 0.8 kV (basic insulation) |
| Degree of pollution                     | 2                         |
| Overvoltage category                    | III                       |

#### Connection data for connection 1

|                                  |   |
|----------------------------------|---|
| Connection name                  | Field level                                 |
| Connection method                | Spring-cage connection                      |
| Conductor cross section solid    | 0.2 mm <sup>2</sup> ... 4 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 ... 12                                   |
| Number of positions              | 32  |

#### Connection data for connection 2

|                       |                            |
|-----------------------|----------------------------|
| Connection name       | Controller level           |
| Connection method     | COMBICON connectors        |
| Number of connections | 4                          |
| Number of positions   | 18                         |
| Note                  | Yokogawa AKB334-compatible |

#### Supported controller

|                     |                          |
|---------------------|--------------------------|
| Controller          | YOKOGAWA CS3000 CentumVP |
| - suitable I/O card | ADR541                   |

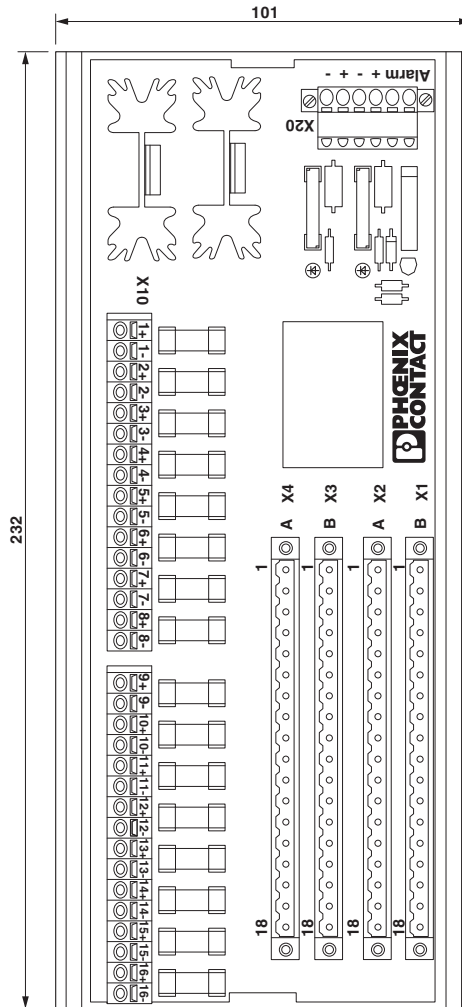
#### Standards and Regulations

|                       |              |
|-----------------------|--------------|
| Standards/regulations | DIN EN 50178 |
| Degree of pollution   | 2            |
| Overvoltage category  | III          |

### Drawings

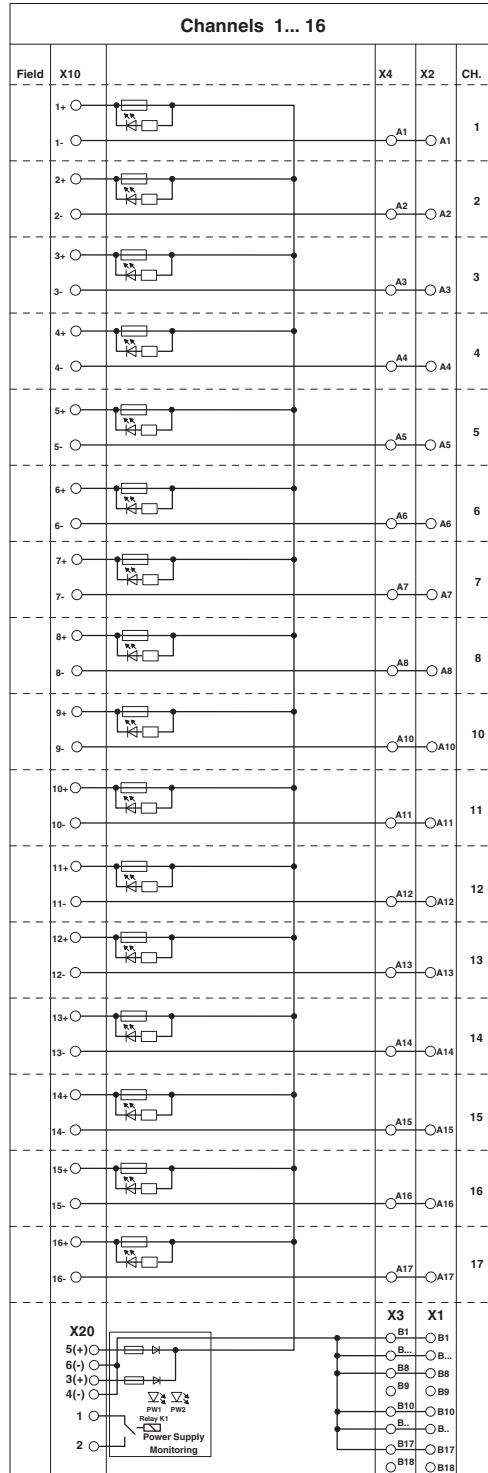
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Dimensional drawing



# Passive module - UM-4SL/SPT/ADR541/CS - 2968522

Circuit diagram





## Passive module - UM-4SL/SPT/ADR541/CS - 2968522

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |
| eCl@ss 5.0 | 27250313 |
| eCl@ss 5.1 | 27250313 |
| eCl@ss 6.0 | 27069203 |
| eCl@ss 7.0 | 27069203 |
| eCl@ss 8.0 | 27141152 |
| eCl@ss 9.0 | 27141152 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001437 |
| ETIM 3.0 | EC001437 |
| ETIM 4.0 | EC001437 |
| ETIM 5.0 | EC002780 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11     | 39121421 |
| UNSPSC 12.01  | 39121421 |
| UNSPSC 13.2   | 39121421 |