

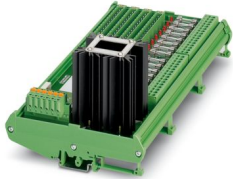
# UM-4SL/SPT/ADR541/CS/C-L - Passive module



2968548

<https://www.phoenixcontact.com/us/products/2968548>

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The figure shows version UM-4SL/SPT/ADR541/CS

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.

## Commercial data

Item number	2968548
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK218N
GTIN	4046356350655
Weight per piece (including packing)	829 g
Weight per piece (excluding packing)	727 g
Customs tariff number	85369010
Country of origin	DE

## Technical data

### Product properties

Product type	Interface module
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### Insulation characteristics

Overvoltage category	III
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	24 V DC $\pm 10\%$
Max. current carrying capacity per branch	630 mA
Max. total current of all branches	6.3 A
Rated surge voltage	0.8 kV (Basic insulation)

Supported controller: YOKOGAWA CS3000 CentumVP

Suitable I/O card	ADR541
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### Connection data

#### Field level

Connection method	Spring-cage connection
Number of positions	32
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 25 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 12

#### Controller level

Connection method	COMBICON connectors
Number of connections	4
Number of positions	18
Note	Yokogawa AKB334-compatible

### Signaling

Status display	LED (green)
Status display present	yes, if the fuse fails

### Dimensions

#### Item dimensions

Width	232.5 mm
Height	126 mm
Depth	104 mm

### Environmental and real-life conditions

#### Ambient conditions

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

## Standards and regulations

Standards/regulations	DIN EN 50178
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## Mounting

Assembly note	in rows with zero spacing
Mounting position	any

## Notes

Notes on operation	Voltage monitoring on the module does not work in combination with upstream HESILED fuse terminal blocks with integrated LED display.
Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.

## Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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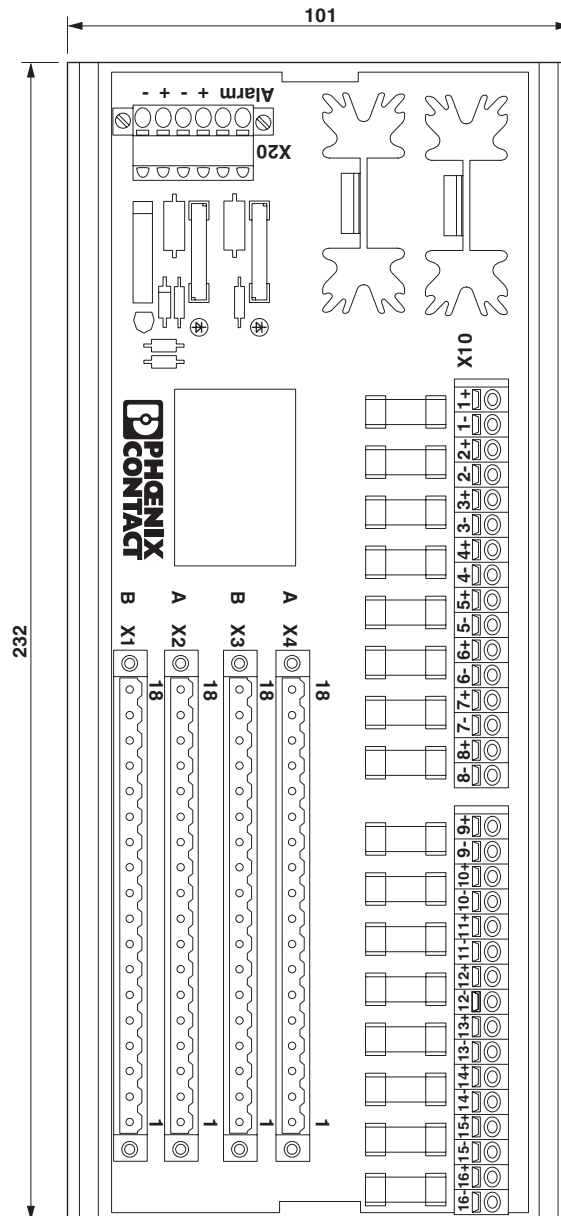


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## Drawings

Dimensional drawing



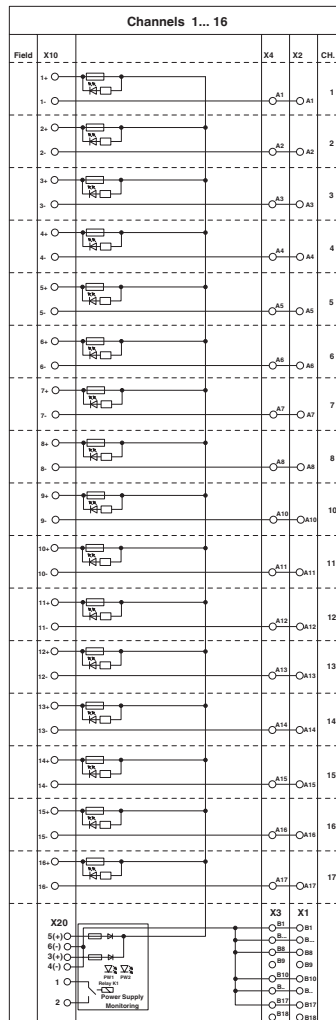
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## Circuit diagram



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## Environmental product compliance

### 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.
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### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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