

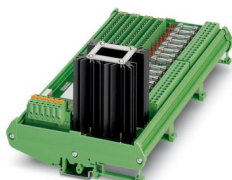
UM-4SL/SPT/ADR541/CS - Passive module



2968522

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

Commercial data

Item number	2968522
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK218N
GTIN	4046356340618
Weight per piece (including packing)	1,015 g
Weight per piece (excluding packing)	1,015 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

Product type	Interface module
Operating mode	100% operating factor

Insulation characteristics: Air clearances and creepage distances between the power circuits

Overvoltage category	II
Pollution degree	2

Electrical properties

Max. permissible current	630 mA (per path, protected by fuse (5x20 slow-blow))
Max. permissible total current	6.3 A
Nominal voltage U_N	24 V DC
	19.2 V DC ... 30 V DC

Air clearances and creepage distances between the power circuits

Rated insulation voltage	50 V DC
Rated surge voltage	0.5 kV (Functional 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 ² ... 4 mm ²
Conductor cross-section flexible	0.2 mm ² ... 2.5 mm ²
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 present	yes, if the fuse fails
Operating voltage display	Green LED

Dimensions

Item dimensions

Width	232 mm
Height	125.4 mm

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Depth	98.3 mm
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

Standards and regulations

Air clearances and creepage distances between the power circuits

Standards/regulations	EN IEC 60664-1
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Mounting

Mounting type	DIN rail 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	No additional touch protection is required when using a SELV/PELV voltage (≤ 25 V AC or 60 V DC).
Notes on operation	At least one functional insulation against adjacent modules is complied with (in the support rail direction). If the application has stricter requirements for the insulation (basic insulation or reinforced insulation), they must be realized by applying suitable measures (e. g. partition plates).
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.

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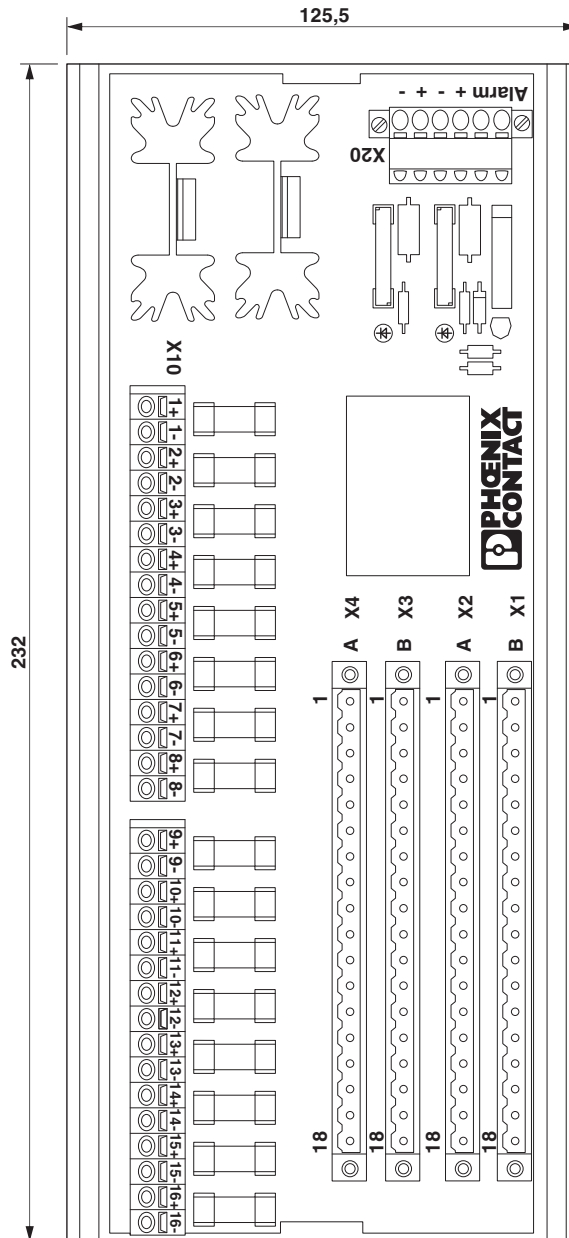
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Drawings

Dimensional drawing



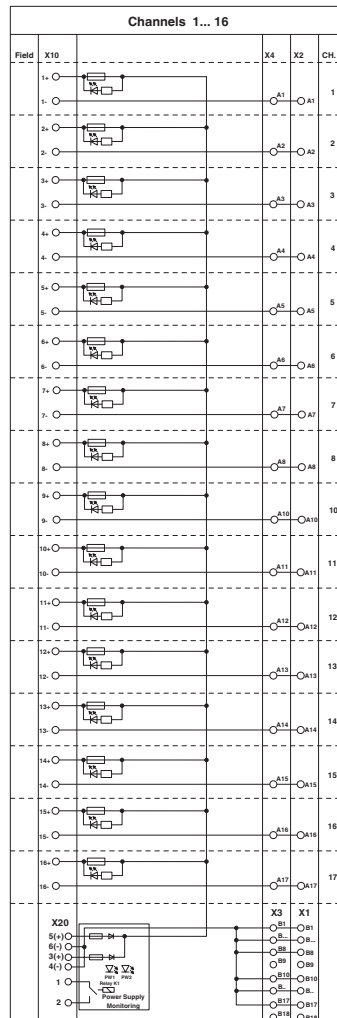
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Circuit diagram



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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2968522>



EAC

Approval ID: RU*-DE.*08.B.01829*

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Classifications

ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

ETIM

ETIM 9.0	EC002780
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	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.)	Hexahydromethylphthalic anhydride(CAS: n/a)
	Lead(CAS: 7439-92-1)
SCIP	56012d0b-ab47-4a31-8eb7-bf11c003e0c9