

# UM-KS50/32-MR/1/SI/ADV151 - Active module



2901651

<https://www.phoenixcontact.com/us/products/2901651>

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32-channel input relay module with screw connection and 50-pos. system connection. The coil side is secured and optionally non-isolated. Suitable for the Yokogawa ADV 151 and ADV 161 cards.

## Commercial data

Item number	2901651
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK219N
GTIN	4046356620451
Weight per piece (including packing)	879 g
Weight per piece (excluding packing)	879 g
Country of origin	DE

## Technical data

### Product properties

Product type	Interface module
Insulation characteristics	
Overvoltage category	III
Pollution degree	2

### Electrical properties

Rated surge voltage	2 kV (Basic insulation)
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### Input data

Nominal input voltage $U_N$	24 V DC
Input voltage range in reference to $U_N$	0.9 ... 1.1
Input voltage range	21.6 V DC ... 26.4 V DC
Typical input current at $U_N$	5 mA
Protective circuit	Freewheeling diode
Operating voltage display	Green LED
Status display/channel	Yellow LED

### Output data

Switching	
Contact switching type	Single contact, 1 N/O contact
Maximum switching voltage	24 V DC
Limiting continuous current	100 mA
Output fuse	250 mA Slow-blow (TR 5)

### Connection data

Field level	
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
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> ... 2.5 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 12

### Controller level

Connection method	Yokogawa, KS compatible
Number of connections	1
Number of positions	50
Note	Usable system cables: Phoenix Contact YUC50, Yokogawa AKB331
Tightening torque	0.5 Nm

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## Environmental and real-life conditions

### Ambient conditions

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

Mounting type	DIN rail mounting
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## Notes

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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### Utilization restriction

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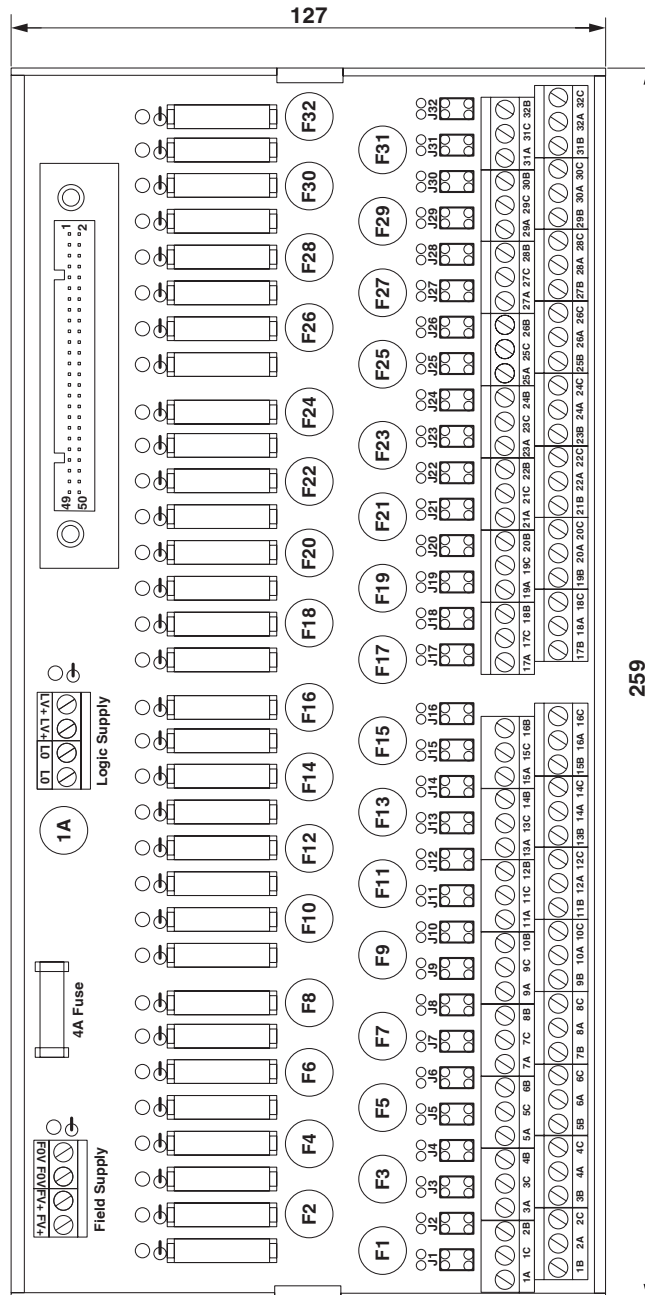


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## Drawings

Dimensional drawing





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## 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.

### EU REACH SVHC

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