


## Active module - UM-2KS50/32R/F/J/ADV551 - 2904937

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32-channel output relay module (one N/O contact) with a screw connection and a fuse (1 A). The voltage supply and 50-pos. system connector are designed redundantly. Suitable for Yokogawa ADV551 card.



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	 4 046356 902632
GTIN	4046356902632

### Technical data

#### Note

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

Width	312 mm
Height	127.5 mm
Depth	105 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C (95%/50°C (non-condensing))
Ambient temperature (storage/transport)	-20 °C ... 70 °C

#### Input data

Nominal input voltage $U_N$	24 V DC ((SELV, PELV))
Input voltage range in reference to $U_N$	0.8 ... 1.1
Typical input current at $U_N$	7 mA (per relay)
Type of protection	Free running
Protective circuit/component	Damping diode
Type of protection	Reverse polarity protection
Protective circuit/component	Polarity protection diode
Status display/channel	Yellow LED

#### Output data

Contact type	Double contact, 1 N/O contact
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## Technical data

### Output data

Contact material	AgNi, hard gold-plated
Maximum switching voltage	30 V DC ((SELV, PELV))
Limiting continuous current	1 A

### General

Degree of protection	IP00
Mounting position	any
Assembly instructions	In rows with zero spacing
Color	green

### Connection data for connection 1

Connection name	Field level
Connection method	Screw connection
Screw thread	M3
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

### Connection data for connection 2

Connection name	Controller level
Connection method	Yokogawa KS-compatible
Stripping length	8 mm
Torque	0.5 Nm
Number of connections	2
Number of positions	50
Note	Usable system cables: Phoenix Contact YUC50, Yokogawa AKB331

### Supported controller

Corresponding control	YOKOGAWA CS3000 CentumVP
Corresponding I/O card	ADV551

### Standards and Regulations

Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178: 1998-04
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (1.2/50 µs)
Insulation	Functional insulation
Degree of pollution	2
Overvoltage category	II

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50

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### Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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## Approvals

### Approvals

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#### Approvals


EAC

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#### Ex Approvals

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### Approval details

EAC		RU C- DE.A*30.B.01742
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