

## 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 STK
Minimum order quantity	10 STK
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
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#### Dimensions

Width	290 mm
Height	127.5 mm
Depth	44 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
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 $U_N$	9 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

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### Technical data

#### Output data

Contact type	Single contact, 1 N/O contact
Contact material	Ag alloy, hard gold-plated
Maximum switching voltage	30 V DC ((SELV, PELV))
Limiting continuous current	1 A

#### General

Mounting position	any
Assembly instructions	In rows with zero spacing
Color	green
Designation	Air clearances and creepage distances, input
Standards/regulations	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (basic insulation)
Degree of pollution	2
Overvoltage category	II
Designation	Air clearances and creepage distances, output
Standards/regulations	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (basic insulation)
Degree of pollution	2
Overvoltage category	II
Designation	Air clearances and creepage distances, input/output
Standards/regulations	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (basic insulation)
Degree of pollution	2
Overvoltage category	II

#### 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

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#### Connection data for connection 2

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, input
Standards/regulations	DIN EN 50178
Degree of pollution	2
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Designation	Air clearances and creepage distances, input/output
Standards/regulations	DIN EN 50178
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### Classifications

#### eCl@ss

eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

#### ETIM

ETIM 4.0	EC000196
ETIM 5.0	EC002780