

## Active module - UM-KS50/32-MR/21/ADV551/SO207 - 2311108

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32-channel output relay module (1 N/O contact, optionally non-isolated) with spring-cage connection, fuse (2 AT), and 50-pos. system connection. Suitable for the Yokogawa ADV 551 and ADV 561 cards.

### Product Features



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	871.0 GRM
Custom tariff number	85364190
Country of origin	Germany

### Technical data

#### 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 $\pm 10\%$
Typical input current at $U_N$	7 mA (per channel)
Protective circuit/component	Damping diode
Operating voltage display	Green LED
Status display/channel	Yellow LED

#### Output data

Contact type	1 N/O contact
Maximum switching voltage	230 V AC
Limiting continuous current	2 A (Per channel, pluggable fuse (IEC 6012-3/IV, 2AT))

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### Technical data

#### Output data

Maximum inrush current	8 A (Supply, (V1+, V2+), pluggable fuse (UL 248-14, 250 V, 8AT))
Interrupting rating (ohmic load) max.	140 W (at 24 V DC)
	23 W (at 110 V DC)

#### General

Mounting position	any
Standards/regulations	DIN EN 50178
Pollution degree	2
Surge voltage category	III

#### Connection data for connection 1

Connection name	Field level
Connection method	Spring-cage connection
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14

#### Connection data for connection 2

Connection name	Controller level
Number of connections	1
Connection method	Yokogawa KS-compatible
Number of positions	50

#### Supported controller

Corresponding control	YOKOGAWA CENTUM CS3000R3
Corresponding I/O card	ADV551
	ADV561
Corresponding control	YOKOGAWA STARDOM
Corresponding I/O card	NFDV551
	NFDV561

### Classifications

#### eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102

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### Classifications

#### eCl@ss

eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001

#### ETIM

ETIM 2.0	EC001437
ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 5.0	EC001437

#### UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

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Approvals submitted

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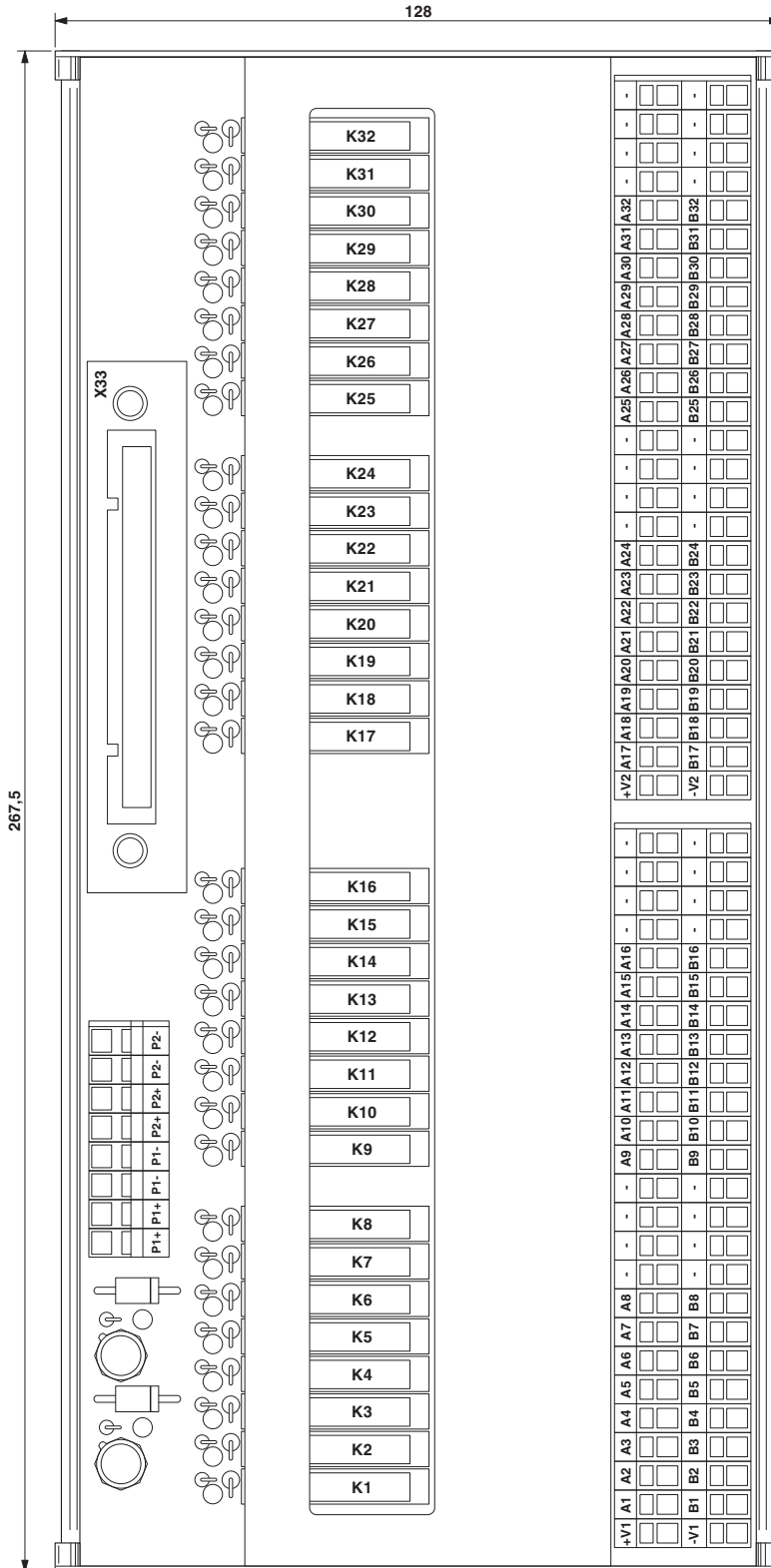
#### Approval details

EAC
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### Drawings

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Dimensional drawing



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Circuit diagram

