

## Relay Module - UM-KS50/32MR/1/ADV551/SC/SO207 - 2900899

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32-channel VARIOFACE relay module with screw connection and 50-pos. system connection. The power supply is designed redundantly, for Yokogawa ADV 551 card, module width: 232.5 mm

### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	1020.0 GRM
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Width	232.5 mm
Height	127.5 mm
Depth	44 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
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#### Input data

Nominal input voltage $U_N$	24 V DC
Input voltage range in reference to $U_N$	0.8 ... 1.1
Typical input current at $U_N$	9 mA (per relay)
Protective circuit/component	Damping diode
Status display/channel	Yellow LED

#### Output data

Contact type	Single contact, 1 N/O contact
Contact material	Ag alloy, hard gold-plated
Maximum switching voltage	230 V AC
Limiting continuous current	max. (2 x 8 A)

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## Technical data

### General

Mounting position	any
Designation	Air and creepage distances, input
Standards/regulations	EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (basic insulation)
Pollution degree	2
Surge voltage category	II
Designation	Air and creepage distances, output
Standards/regulations	EN 50178
Rated insulation voltage	260 V
Rated surge voltage	4 kV (basic insulation)
Pollution degree	2
Surge voltage category	III
Designation	Air and creepage distances, input/output
Standards/regulations	EN 50178
Rated insulation voltage	260 V
Rated surge voltage	6 kV (Reinforced insulation)
Pollution degree	2
Surge voltage category	III

### Connection data for connection 1

Connection name	Supply
Connection method	Screw connection
Number of positions	8
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

## Classifications

### eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001

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## Classifications

### eCl@ss

eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

### ETIM

ETIM 2.0	EC001437
ETIM 3.0	EC001437
ETIM 4.0	EC001423
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

CSA

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Ex Approvals

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Approvals submitted

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### Approval details

CSA
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