

Relay Module - UM-KS50/32MR/1/ADV151/SC/SO207 - 2900898


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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 151 card, module width: 232.5 mm



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 548403
GTIN	4046356548403

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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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
Type of protection	Reverse polarity protection
Protective circuit/component	Polarity protection diode
Status display/channel	Yellow LED

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Output data

Contact type	1 N/O contact
Contact material	AgSnO, hard gold-plated
Maximum switching voltage	24 V AC/DC
Limiting continuous current	max. 2 A

General

No. of channels	32
Degree of protection	IP00
Mounting position	any

Connection data for connection 1

Connection name	Field level
Connection method	Screw connection
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Connection data for connection 2

Connection name	Controller level
Connection method	Yokogawa KS-compatible
Torque	0.5 Nm
Number of connections	1
Number of positions	50

Connection data for connection 3

Connection name	Supply
Connection method	Screw connection
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12
Number of positions	8

Supported controller

Corresponding control	YOKOGAWA CS3000 CentumVP
Corresponding I/O card	ADV151
	ADV161
Corresponding control	YOKOGAWA STARDOM
Corresponding I/O card	NFDV151
	NFDV161

Standards and Regulations

Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178: 1998-04
Rated insulation voltage	63 V

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Standards and Regulations

Rated surge voltage	0.6 kV (1.2/50 μ s)
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
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Relay Module - UM-KS50/32MR/1/ADV151/SC/SO207 - 2900898

Approvals


Approvals

Approvals

EAC

Ex Approvals

Approval details

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