

Active module - UMK-32 RM/MR-G24/1/YCS - 2969055


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32-channel output relay module (one N/O contact, 250 V AC/3 A) with a screw connection. The module is controlled through a 50-pos. system connector and is suitable for the Yokogawa ADV 551 and ADV 561 cards.



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 163699
GTIN	4046356163699

Technical data

Note

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

Width	202 mm
Height	90 mm
Depth	58 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
Input voltage range in reference to U_N	0.9 ... 1.1
Typical input current at U_N	6.5 mA (per channel)
Type of protection	Free running
Protective circuit/component	Damping diode
Type of protection	Reverse polarity protection

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Input data

Protective circuit/component	Polarity protection diode
Operating voltage display	Green LED
Status display/channel	Yellow LED

Output data

Contact type	1 N/O contact
Maximum switching voltage	250 V AC 125 V DC
Minimum switching voltage	5 V AC/DC
Limiting continuous current	3 A
Maximum inrush current	2 A (Supply, (P1+, P2+), pluggable fuse (IEC 127-2, 5X20, 2A))
Min. switching current	10 mA
Interrupting rating (ohmic load) max.	72 W (at 24 V DC) 60 W (at 48 V DC) 50 W (at 60 V DC) 50 W (at 110 V DC) 750 VA (for 250 V AC)
Error detection (line break / short-circuit)	no

General

No. of channels	32
Compatible components	Miniature relay, REL-MR-G 24/1
With components	yes
Degree of protection	IP00
Mounting position	any
Assembly instructions	In rows with zero spacing
Housing insulation material	PVC, side panel PA non-reinforced,
Color	green

Connection data for connection 1

Connection name	Field level
Connection method	Screw connection
Conductor cross section solid	0.14 mm ² ... 1.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 1.5 mm ²
Conductor cross section AWG	26 ... 14
Number of connections	72
Number of positions	3

Connection data for connection 2

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

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Connection data for connection 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
	ADV561
Corresponding control	YOKOGAWA STARDOM
Corresponding I/O card	NFDV551
	NFDV561

Standards and Regulations

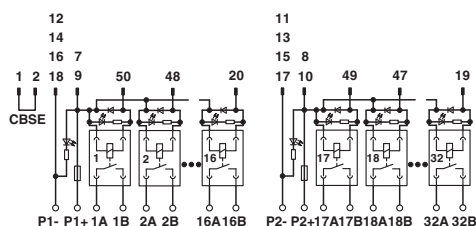
Standards/regulations	IEC 60664
	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV
Insulation	Functional insulation
Degree of pollution	2
Overvoltage category	II

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"

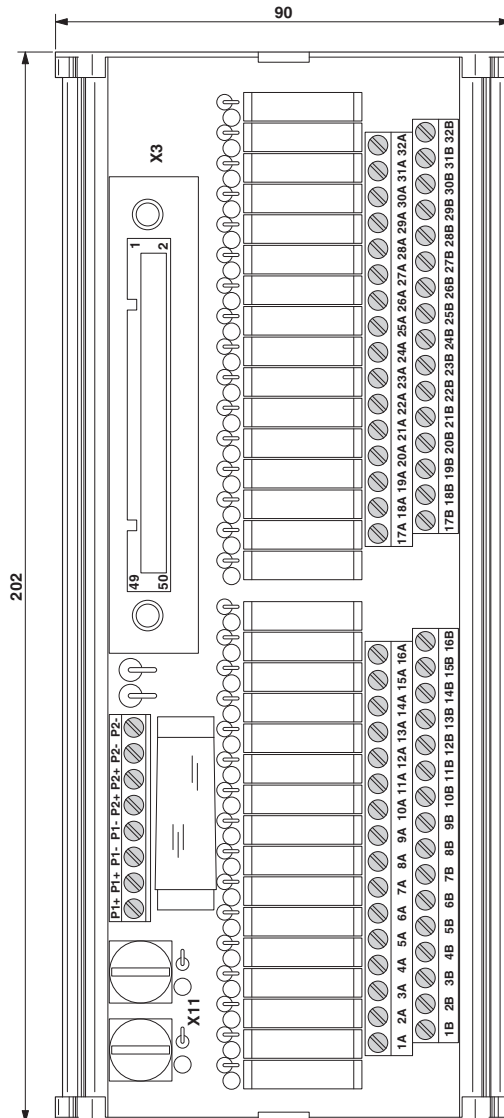
Drawings

Circuit diagram



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Dimensional drawing



Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

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Approvals

EAC



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DE.A*30.B.01742

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