

Active module - UM-2KS50RM/32MR/SI/1/551/MT - 2968564


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VARIOFACE output module, 32 channels for Yokogawa ADV 551, ADV 561 output modules.



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 458634
GTIN	4046356458634

Technical data

Note

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

Width	420 mm
Height	128 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	7 mA (per channel (total current: 1 A))

Output data

Contact type	1 N/O contact
Contact material	AgSnO
Maximum switching voltage	250 V AC/DC

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Output data

Minimum switching voltage	12 V AC/DC
Limiting continuous current	1.2 A (Total current 8 A (per 8 channels))
Min. switching current	100 mA
Interrupting rating (ohmic load) max.	29 W (at 24 V DC)
	20 W (at 48 V DC)
	18 W (at 60 V DC)
	23 W (at 110 V DC)
	40 W (at 220 V DC)
	300 VA (for 250 V AC)
Output fuse	4 A (per channel)

General

No. of channels	32
Mechanical service life	2x 10 ⁷ cycles
Mounting position	any
Assembly instructions	In rows with zero spacing

Connection data for connection 1

Connection name	Field level
Connection method	Screw connection with disconnect knife
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 connections	1

Connection data for connection 2

Connection name	Controller level
Connection method	Yokogawa KS-compatible
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
	ADV561
Corresponding control	YOKOGAWA STARDOM
Corresponding I/O card	NFDV551
	NFDV561

Standards and Regulations

Standards/regulations	DIN EN 50178
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Standards and Regulations

Degree of pollution	2
Overvoltage category	III

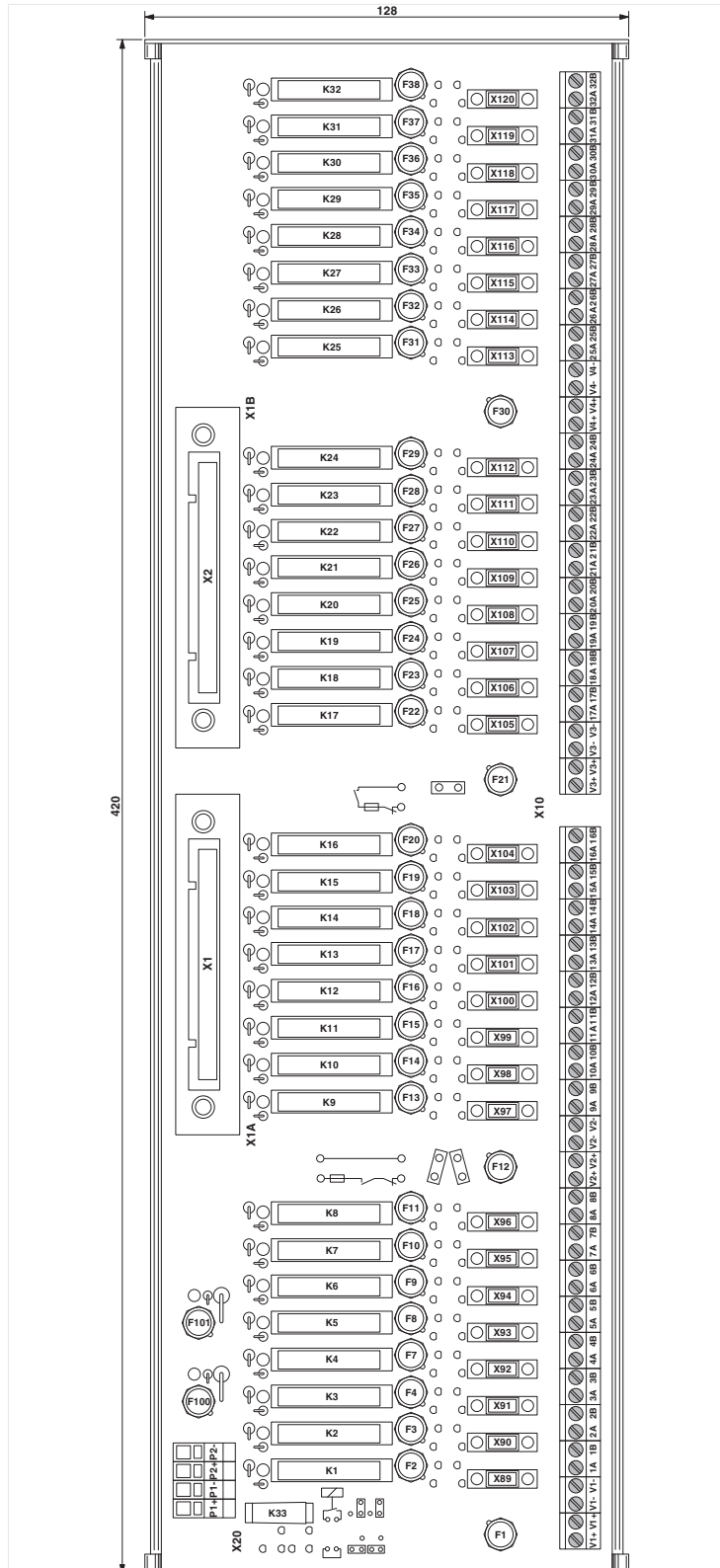
Environmental Product Compliance

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

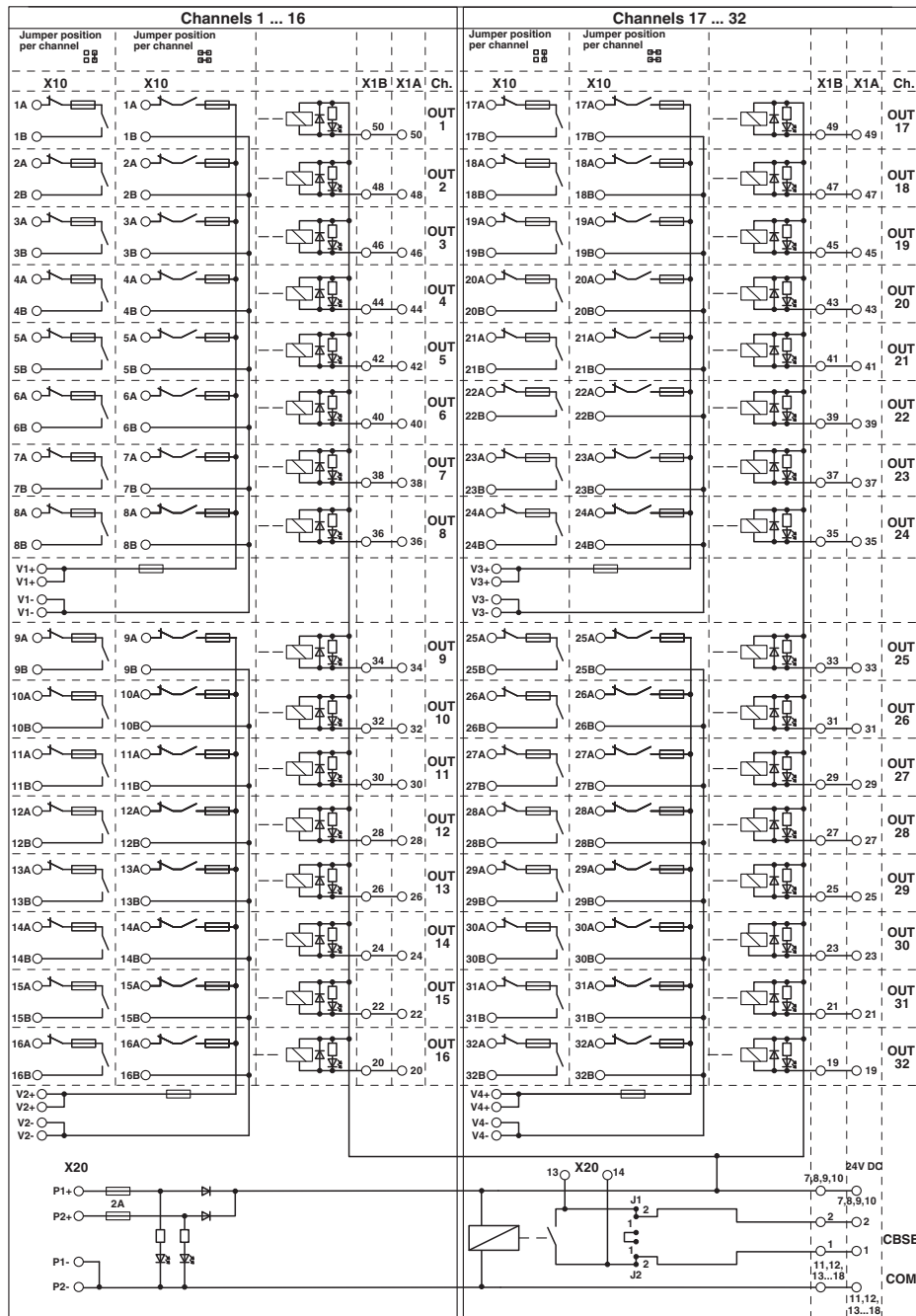
Active module - UM-2KS50RM/32MR/SI/1/551/MT - 2968564

Dimensional drawing



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Circuit diagram



Approvals

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Approvals

Approvals

CSA / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	LR 13631
Nominal voltage UN		250 V	
Nominal current IN		1.2 A	

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