

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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



### Key commercial data

Packing unit	1 pc
GTIN	 4 046356 458634
Weight per Piece (excluding packing)	1424.0 g
Custom tariff number	85364190
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Note

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

#### Dimensions

Width	420 mm
Depth	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 $\pm$ 10 %
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

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

## Technical data

### Output data

Maximum switching voltage	250 V AC/DC
Minimum switching voltage	12 V AC/DC
Limiting continuous current	1.2 A (Total current 8 A (per 8 channels))

### General

Mechanical service life	2 x 10 <sup>7</sup> cycles
Mounting position	any
Assembly instructions	In rows with zero spacing
Standards/regulations	DIN EN 50178
Pollution degree	2
Surge voltage category	III

### Connection data for connection 1

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

### Connection data for connection 2

Connection name	Controller level
Number of connections	2
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	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313

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

### Classifications

#### eCl@ss

eCl@ss 5.1	27250313
eCl@ss 6.0	27242608
eCl@ss 7.0	27242608

#### ETIM

ETIM 2.0	EC001437
ETIM 3.0	EC001604
ETIM 4.0	EC001437
ETIM 5.0	EC001437

#### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121421

### Accessories

#### Accessories

##### Fuse

Fuse - VF-SI/TR5/4AT - 2900998



Plug-in fuse (TR5<sup>®</sup>), nominal current: 4 A, tripping characteristic: slow-blow (T), packing volume per unit: 8 pcs.

Fuse - VF-SI/TR5/1AT - 2901005



Plug-in fuse (TR5<sup>®</sup>), nominal current: 1 A, tripping characteristic: slow-blow (T), packing volume per unit: 8 pcs.

Fuse - VF-SI/TR5/8AT - 2901006



Plug-in fuse (TR5<sup>®</sup>), nominal current: 8 A, tripping characteristic: slow-blow (T), packing volume per unit: 8 pcs.

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

### Accessories

---

#### Single relay

Single relay - REL-MR- 24DC/21 - 2961105



Plug-in miniature power relay, with power contact, 1 PDT, input voltage 24 V DC

---

#### System cable

Cable - FLK 50-PA/EZ-DR/KS/ 100/YUC - 2900991



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 1.0 m.

---

Cable - FLK 50-PA/EZ-DR/KS/ 200/YUC - 2314299



Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 2.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/ 300/YUC - 2314309



Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 3.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/ 400/YUC - 2314312



Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 4.0 m

---

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

### Accessories

Cable - FLK 50-PA/EZ-DR/KS/ 500/YUC - 2321499



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 5.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/ 600/YUC - 2314927



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 6.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/ 700/YUC - 2321509



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 7.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/ 800/YUC - 2314930



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 8.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/ 900/YUC - 2321512



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 9.0 m

---

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

### Accessories

Cable - FLK 50-PA/EZ-DR/KS/1000/YUC - 2314325



Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 10.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/1100/YUC - 2321389



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 11.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/1200/YUC - 2321525



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 12.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/1300/YUC - 2321392



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 13.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/1400/YUC - 2321402



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 14.0 m

---

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

### Accessories

Cable - FLK 50-PA/EZ-DR/KS/1500/YUC - 2314338



Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 15.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/1600/YUC - 2321538



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 16.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/1700/YUC - 2321541



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 17.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/1800/YUC - 2321554



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 18.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/1900/YUC - 2321567



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 19.0 m

---

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

### Accessories

Cable - FLK 50-PA/EZ-DR/KS/2000/YUC - 2314503



Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 20.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/2500/YUC - 2314516



Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 25.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/3000/YUC - 2314529



Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 30.0 m

---

Cable - FLK 50-PA/EZ-DR/KS/5000/YUC - 2318981



Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 50.0 m

---

Cable - FLK-MIL50/EZ-DR/KS/ 200/YCS - 2314590



Assembled round cable with two 50-pos. socket strips (1:1 connection). The connector for module side is molded. The cable is suitable for the ADV561 and ADV161 boards. Cable length: 2.0 m

---

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

### Accessories

#### Cable - FLK-MIL50/EZ-DR/KS/ 300/YCS - 2314781



Assembled round cable with two 50-pos. socket strips (1:1 connection). The connector for module side is molded. The cable is suitable for the ADV561 and ADV161 boards.  
Cable length: 3.0 m

---

#### Cable - FLK-MIL50/EZ-DR/KS/ 400/YCS - 2314794



Assembled round cable with two 50-pos. socket strips (1:1 connection). The connector for module side is molded. The cable is suitable for the ADV561 and ADV161 boards.  
Cable length: 4.0 m

---

#### Cable - FLK-MIL50/EZ-DR/KS/1000/YCS - 2314804



Assembled round cable with two 50-pos. socket strips (1:1 connection). The connector for module side is molded. The cable is suitable for the ADV561 and ADV161 boards.  
Cable length: 10.0 m

---

#### Cable - FLK-MIL50/EZ-DR/KS/1500/YCS - 2314817



Assembled round cable with two 50-pos. socket strips (1:1 connection). The connector for module side is molded. The cable is suitable for the ADV561 and ADV161 boards.  
Cable length: 15.0 m

---

#### Cable - FLK-MIL50/EZ-DR/KS/2000/YCS - 2314820



Assembled round cable with two 50-pos. socket strips (1:1 connection). The connector for module side is molded. The cable is suitable for the ADV561 and ADV161 boards.  
Cable length: 20.0 m

---

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

### Accessories

#### Cable - FLK-MIL50/EZ-DR/KS/3000/YCS - 2901018



Assembled round cable with two 50-pos. socket strips (1:1 connection). The connector on the module side is molded. The cable is suitable for ADV561 and ADV161 cards. Cable length: 30.0 m

---

#### Cable - FLK-MIL50/EZ-DR/KS/3500/YCS - 2901019



Assembled round cable with two 50-pos. socket strips (1:1 connection). The connector on the module side is molded. The cable is suitable for ADV561 and ADV161 cards. Cable length: 35.0 m

---

#### Cable - FLK-MIL50/EZ-DR/KS/4000/YCS - 2901020



Assembled round cable with two 50-pos. socket strips (1:1 connection). The connector on the module side is molded. The cable is suitable for ADV561 and ADV161 cards. Cable length: 40.0 m

---

#### Cable - FLK-MIL50/EZ-DR/KS/8000/YCS - 2321868



Assembled round cable with two 50-pos. socket strips (1:1 connection). The connector on the module side is molded. The cable is suitable for ADV561 and ADV161 cards. Cable length: 80.0 m

---

#### Cable - FLK 50-PA/EZ-DR/HF/KS/ 100/YUC - 2904739



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 1 m

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

### Accessories

Cable - FLK 50-PA/EZ-DR/HF/KS/ 200/YUC - 2904740



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 2 m

---

Cable - FLK 50-PA/EZ-DR/HF/KS/ 300/YUC - 2904741



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 3 m

---

Cable - FLK 50-PA/EZ-DR/HF/KS/ 400/YUC - 2904742



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 4 m

---

Cable - FLK 50-PA/EZ-DR/HF/KS/ 500/YUC - 2904636



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 5 m

---

Cable - FLK 50-PA/EZ-DR/HF/KS/ 600/YUC - 2904743



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 60 m

---

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

### Accessories

Cable - FLK 50-PA/EZ-DR/HF/KS/ 700/YUC - 2904744



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 7 m

---

Cable - FLK 50-PA/EZ-DR/HF/KS/ 800/YUC - 2904745



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 8 m

---

Cable - FLK 50-PA/EZ-DR/HF/KS/ 900/YUC - 2904746



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 9 m

---

Cable - FLK 50-PA/EZ-DR/HF/KS/1000/YUC - 2904637



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 10 m

---

Cable - FLK 50-PA/EZ-DR/HF/KS/1500/YUC - 2904638



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 15 m

---

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

### Accessories

Cable - FLK 50-PA/EZ-DR/HF/KS/2000/YUC - 2904487



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 20 m

---

Cable - FLK 50-PA/EZ-DR/HF/KS/2500/YUC - 2904639



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 25 m

---

Cable - FLK 50-PA/EZ-DR/HF/KS/3000/YUC - 2904640



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 30 m

---

Cable - FLK 50-PA/EZ-DR/HF/KS/3500/YUC - 2904641



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 35 m

---

Cable - FLK 50-PA/EZ-DR/HF/KS/4000/YUC - 2904642



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 40 m

---

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

### Accessories

Cable - FLK 50-PA/EZ-DR/HF/KS/4500/YUC - 2904643



Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 45 m

---

Cable - FLK 50-PA/EZ-DR/HF/KS/5000/YUC - 2904644



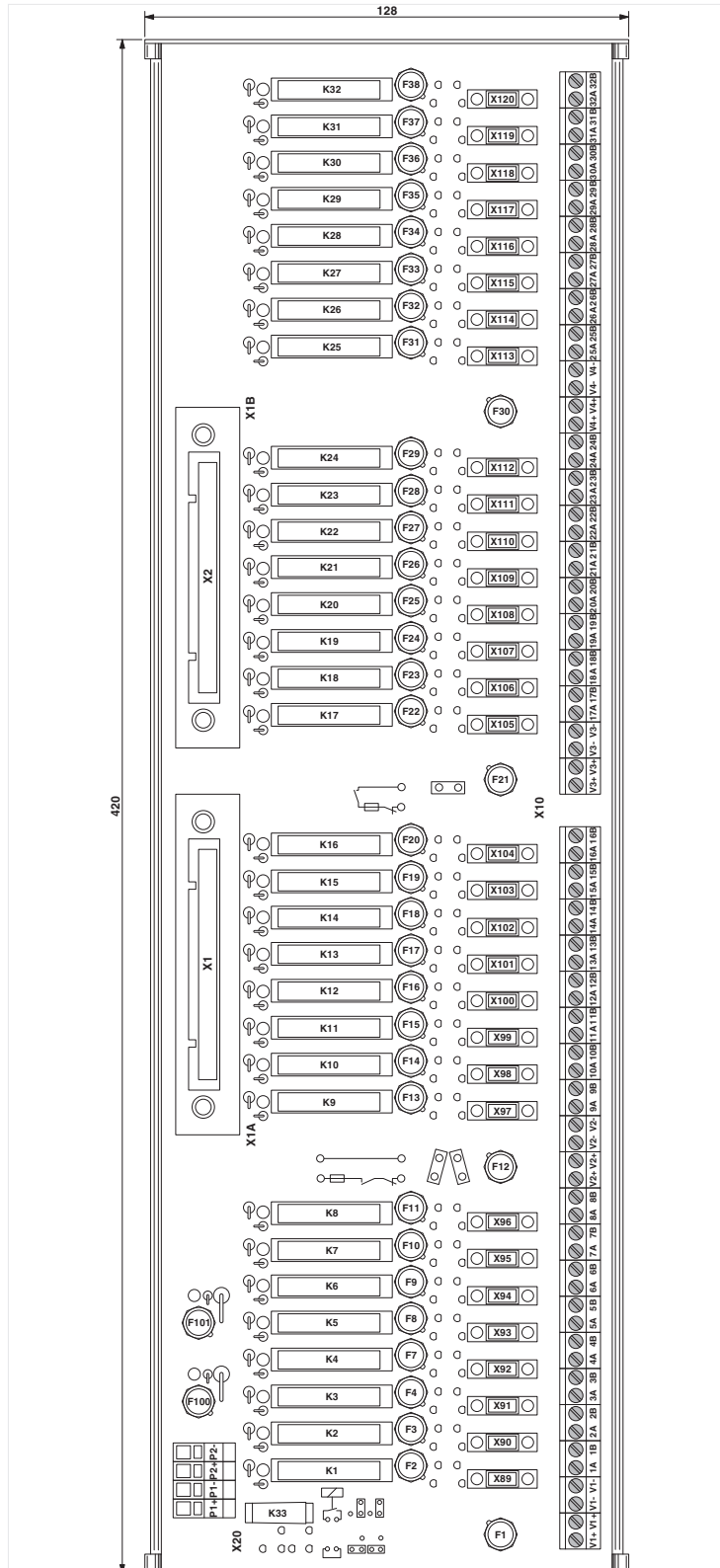
Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 50 m

---

### Drawings

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

Dimensioned drawing



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

Circuit diagram

