

## Passive module - UM-2KS50/4FLK14/YCS - 2311166


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32-channel digital input/output module with redundant voltage supply. Suitable for the Yokogawa ADV 151, ADV 161, ADV 551 and ADV 561 cards.



### Key commercial data

Packing unit	1 pc
GTIN	 4 046356 159739
Weight per Piece (excluding packing)	231.6 g
Custom tariff number	85444290
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Width	128 mm
Height	78 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

#### General

Max. permissible operating voltage	24 V DC ±10 %
Max. perm. current (per branch)	1 A
Mounting position	any
Standards/regulations	DIN EN 50178

#### Connection data for connection 1

Connection name	Field level
Number of connections	4
Connection method	IDC/FLK pin strip (2.54 mm)

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### Technical data

#### Connection data for connection 1

Number of positions	14
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#### Connection data for connection 2

Connection name	Controller level
Number of connections	2
Connection method	Yokogawa KS-compatible
Number of positions	50

#### Supported controller

Controller	YOKOGAWA CENTUM CS3000R3
- suitable I/O card	ADV151
	ADV161
	ADV551
	ADV561
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFDV151
	NFDV161
	NFDV551
	NFDV561

### Classifications

#### eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 6.0	27371601
eCl@ss 7.0	27371601

#### ETIM

ETIM 2.0	EC001437
ETIM 3.0	EC001437
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

## Passive module - UM-2KS50/4FLK14/YCS - 2311166

### Accessories

#### Accessories

#### 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.

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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.

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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.

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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.

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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.

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## Passive module - UM-2KS50/4FLK14/YCS - 2311166

### Accessories

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

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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

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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

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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

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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

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## Passive module - UM-2KS50/4FLK14/YCS - 2311166

### Accessories

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

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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

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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

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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

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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

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## Passive module - UM-2KS50/4FLK14/YCS - 2311166

### Accessories

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

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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

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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

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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

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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

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## Passive module - UM-2KS50/4FLK14/YCS - 2311166

### Accessories

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

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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

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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

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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

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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

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## Passive module - UM-2KS50/4FLK14/YCS - 2311166

### Accessories

#### 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

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#### 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

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#### 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

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#### 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

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#### 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

## Passive module - UM-2KS50/4FLK14/YCS - 2311166

### Accessories

#### 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

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#### 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

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#### 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

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#### 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

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#### 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

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### Accessories

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

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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

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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

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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: 6 m

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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

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## Passive module - UM-2KS50/4FLK14/YCS - 2311166

### Accessories

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

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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

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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

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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

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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

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## Passive module - UM-2KS50/4FLK14/YCS - 2311166

### Accessories

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

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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

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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

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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

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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

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## Accessories

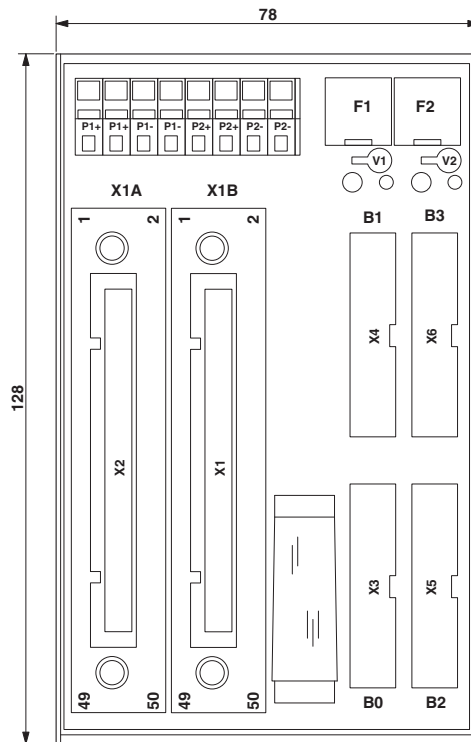
Cable - FLK 50-PA/EZ-DR/HF/KS/5000/YUC - 2904644



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

## Drawings

Dimensioned drawing



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Circuit diagram

