

Active module - UM-2KS50/32-MR/21/ADV551/SO179 - 2310235


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32-channel output relay module (one N/O contact or one N/C contact) with a screw connection and a fuse (1 A). The voltage supply and 50-pos. system connector are designed redundantly. Suitable for the Yokogawa ADV551 and ADV561 cards.



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 141178
Weight per Piece (excluding packing)	1576.53 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
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Dimensions

Width	520 mm
Height	127 mm
Depth	63 mm

Ambient conditions

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

General

Mounting position	any
Assembly instructions	In rows with zero spacing
Standards/regulations	DIN EN 50178
Rated surge voltage	basic insulation
Pollution degree	2

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Technical data

General

Surge voltage category	III
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Connection data for connection 1

Connection name	Field level
Number of connections	35
Connection method	Screw connection
Number of positions	3
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max.	12
Screw thread	M3

Connection data for connection 2

Connection name	Controller level
Number of connections	2
Connection method	Yokogawa KS-compatible
Number of positions	50
Stripping length	8 mm

Supported controller

Controller	YOKOGAWA CENTUM CS3000R3
- suitable I/O card	ADV551
	ADV561
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFDV551
	NFDV561

Classifications

eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001

ETIM

ETIM 2.0	EC001437
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Classifications

ETIM

ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 5.0	EC001437

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

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.

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

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Accessories

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

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

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Accessories

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

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

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Accessories

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

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

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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

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

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Accessories

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

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

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Accessories

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

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

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Accessories

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

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

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Accessories

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

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

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Accessories

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

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

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Accessories

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

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

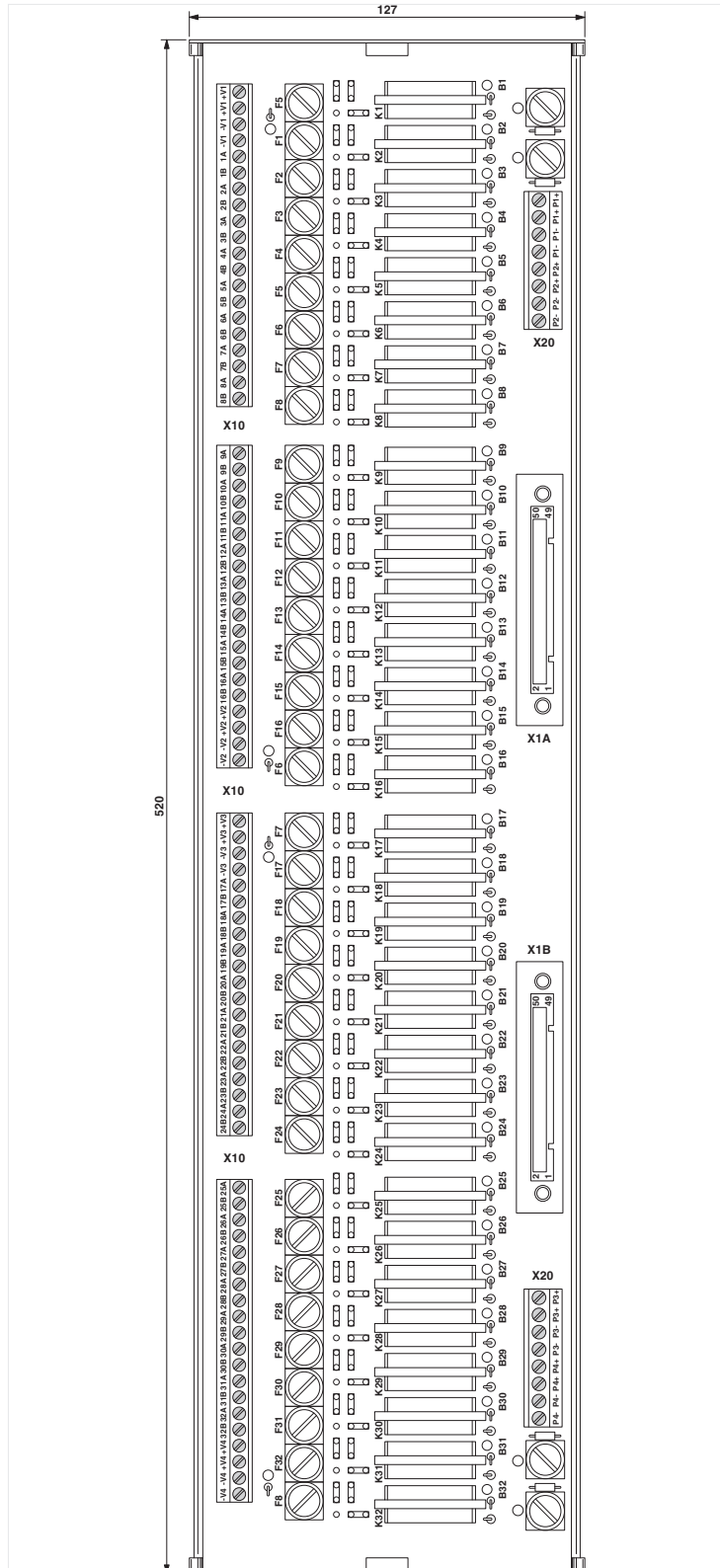


Assembled halogen-free round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 50 m

Drawings

Active module - UM-2KS50/32-MR/21/ADV551/SO179 - 2310235

Dimensioned drawing



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Circuit diagram

