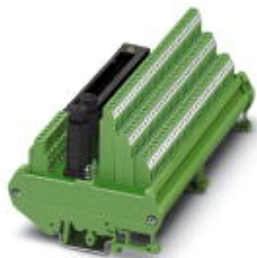


Passive module - FLKMS-KS50/32IM/YCS - 2314451

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32-channel module with a three-conductor screw connection and redundant power supply. Suitable for Yokogawa cards ADV151 and ADV551.

Why buy this product

- For ADV 151 and ADV 551 digital modules
- Three-wire connection (signal, positive, negative)
- Redundant voltage supply (IEC 127-2, 5 x 20, 2 A fuse)



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 126922 |
| Weight per Piece (excluding packing) | 433.68 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

Dimensions

| | |
|--------|--------|
| Width | 174 mm |
| Height | 90 mm |
| Depth | 81 mm |

Ambient conditions

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

General

| | |
|------------------------------------|---------|
| Max. permissible operating voltage | 30 V DC |
| Max. perm. current (per branch) | 1 A |

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Technical data

General

| | |
|--|--------------------------------|
| Max. permissible current (all branches) | 2 A |
| Max. permissible current (separate power supply) | 4 A |
| Number of positions | 50 |
| Status display | Green LED |
| Mounting position | any |
| Assembly instructions | In rows with zero spacing |
| Degree of protection | IP00 |
| Standards/regulations | DIN EN 50178 |
| | IEC 60664 |
| | IEC 62103 |
| Rated insulation voltage | 50 V |
| Rated surge voltage | 0.5 kV (Functional insulation) |
| Pollution degree | 2 |
| Surge voltage category | II |

Connection data for connection 1

| | |
|--|---------------------|
| Connection name | Field level |
| Connection method | Screw connection |
| 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 |
| Stripping length | 8 mm |
| Screw thread | M3 |

Connection data for connection 2

| | |
|---------------------|------------------------|
| Connection name | Controller level |
| 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 |

Passive module - FLKMS-KS50/32IM/YCS - 2314451

Technical data

Supported controller

| | |
|--|---------|
| | 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 |

Approvals

Approvals

Approvals

CSA

Ex Approvals

Approvals submitted

Approval details

| |
|-----|
| CSA |
|-----|

Passive module - FLKMS-KS50/32IM/YCS - 2314451

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

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

Passive module - FLKMS-KS50/32IM/YCS - 2314451

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

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

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

Passive module - FLKMS-KS50/32IM/YCS - 2314451

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

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

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

Passive module - FLKMS-KS50/32IM/YCS - 2314451

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

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

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

Passive module - FLKMS-KS50/32IM/YCS - 2314451

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

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

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

Passive module - FLKMS-KS50/32IM/YCS - 2314451

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

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

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 - FLKMS-KS50/32IM/YCS - 2314451

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

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

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

Passive module - FLKMS-KS50/32IM/YCS - 2314451

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

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

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

Passive module - FLKMS-KS50/32IM/YCS - 2314451

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

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

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

Passive module - FLKMS-KS50/32IM/YCS - 2314451

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

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

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

Passive module - FLKMS-KS50/32IM/YCS - 2314451

Accessories

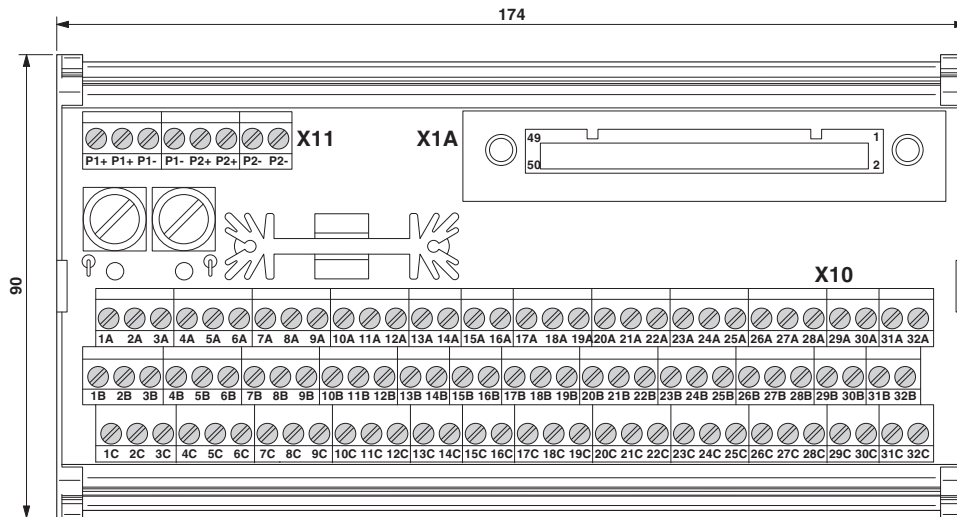
Cable - FLK 50-PA/EZ-DR/HF/KS/5000/YUC - 2904644



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

Drawings

Dimensioned drawing



Passive module - FLKMS-KS50/32IM/YCS - 2314451

Circuit diagram

