

Input/output module - UM-2KS40/16AIO/RS/Z/C-L/SO225 - 2319498

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16/8-channel analog I/O module with spring-cage connection and redundant voltage supply. Suitable for Yokogawa SAI 143, SAV 144, SAI 533 cards.



Key commercial data

| | |
|--------------------------------------|--|
| Packing unit | 1 pc |
| GTIN |  4 046356 347587 |
| Weight per Piece (excluding packing) | 319.5 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

Dimensions

| | |
|--------|--------|
| Width | 165 mm |
| Height | 126 mm |
| Depth | 48 mm |

Ambient conditions

| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -20 °C ... 55 °C |
|---------------------------------|------------------|

General

| | |
|------------------------------------|----------------------------|
| Max. permissible operating voltage | 30 V DC |
| Max. perm. current (per branch) | 100 mA |
| Mounting position | any |
| Designation | Air and creepage distances |
| Standards/regulations | DIN EN 50178 |
| Rated insulation voltage | 50 V |
| Rated surge voltage | 0.8 kV (basic insulation) |
| Pollution degree | 2 |
| Surge voltage category | III |

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Technical data

Connection data for connection 1

| | |
|--|------------------------|
| Connection name | Field level |
| Connection method | Spring-cage connection |
| Number of positions | 32 |
| 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 |

Connection data for connection 2

| | |
|-----------------------|------------------------|
| Connection name | Controller level |
| Number of connections | 2 |
| Connection method | Yokogawa KS-compatible |
| Number of positions | 40 |

Supported controller

| | |
|---------------------|---------------------|
| Controller | YOKOGAWA ProSafe-RS |
| - suitable I/O card | SAI143 |
| | SAI144 |
| | SAI533 |

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 | 27069203 |
| eCl@ss 7.0 | 27069203 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001434 |
| ETIM 3.0 | EC001604 |
| ETIM 4.0 | EC001437 |
| ETIM 5.0 | EC001437 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11 | 39121421 |

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Classifications

UNSPSC

| | |
|--------------|----------|
| UNSPSC 12.01 | 39121421 |
| UNSPSC 13.2 | 39121421 |

Accessories

Accessories

System cable

Cable - FLK 40-PA/EZ-DR/KS/ 100/YUC - 2322786



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 1.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 200/YUC - 2314341



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 2.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 300/YUC - 2314354



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 3.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 400/YUC - 2314367



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 4.0 m

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Accessories

Cable - FLK 40-PA/EZ-DR/KS/ 500/YUC - 2321570



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 5.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 600/YUC - 2314943



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 6.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 700/YUC - 2321583



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 7.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 800/YUC - 2314956



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 8.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 900/YUC - 2321415



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 9.0 m

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Cable - FLK 40-PA/EZ-DR/KS/1000/YUC - 2314370



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 10.0 m

Cable - FLK 40-PA/EZ-DR/KS/1100/YUC - 2321428



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 11.0 m

Cable - FLK 40-PA/EZ-DR/KS/1200/YUC - 2321431



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 12.0 m

Cable - FLK 40-PA/EZ-DR/KS/1300/YUC - 2321444



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 13.0 m

Cable - FLK 40-PA/EZ-DR/KS/1400/YUC - 2321457



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 14.0 m

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Accessories

Cable - FLK 40-PA/EZ-DR/KS/1500/YUC - 2314383



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 15.0 m

Cable - FLK 40-PA/EZ-DR/KS/1600/YUC - 2321596



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 16.0 m

Cable - FLK 40-PA/EZ-DR/KS/1700/YUC - 2321606



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 17.0 m

Cable - FLK 40-PA/EZ-DR/KS/1800/YUC - 2321619



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 18.0 m

Cable - FLK 40-PA/EZ-DR/KS/1900/YUC - 2321622



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 19.0 m

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Accessories

Cable - FLK 40-PA/EZ-DR/KS/2000/YUC - 2314532



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 20.0 m

Cable - FLK 40-PA/EZ-DR/KS/2500/YUC - 2314545



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 25.0 m

Cable - FLK 40-PA/EZ-DR/KS/3000/YUC - 2314558



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 30.0 m

Cable - FLK 40-PA/EZ-DR/KS/3500/YUC - 2901017



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 35.0 m.

Cable - FLK 40-PA/EZ-DR/KS/4000/YUC - 2901052



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 40.0 m.

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Cable - FLK 40-PA/EZ-DR/KS/4500/YUC - 2902912



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 45.0 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 100/YUC - 2904747



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

Cable - FLK 40-PA/EZ-DR/HF/KS/ 200/YUC - 2904748



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 2 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 300/YUC - 2904749



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 3 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 400/YUC - 2904750



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 4 m

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Accessories

Cable - FLK 40-PA/EZ-DR/HF/KS/ 500/YUC - 2904645



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 5 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 600/YUC - 2904751



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 60 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 700/YUC - 2904752



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 7 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 800/YUC - 2904753



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 8 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 900/YUC - 2904754



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 9 m

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Accessories

Cable - FLK 40-PA/EZ-DR/HF/KS/1000/YUC - 2904646



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 10 m

Cable - FLK 40-PA/EZ-DR/HF/KS/1500/YUC - 2904647



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 15 m

Cable - FLK 40-PA/EZ-DR/HF/KS/2000/YUC - 2904488



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 20 m

Cable - FLK 40-PA/EZ-DR/HF/KS/2500/YUC - 2904648



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 25 m

Cable - FLK 40-PA/EZ-DR/HF/KS/3000/YUC - 2904649



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 30 m

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Accessories

Cable - FLK 40-PA/EZ-DR/HF/KS/3500/YUC - 2904650



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 35 m

Cable - FLK 40-PA/EZ-DR/HF/KS/4000/YUC - 2904651



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

Cable - FLK 40-PA/EZ-DR/HF/KS/4500/YUC - 2904652



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 45 m

Cable - FLK 40-PA/EZ-DR/HF/KS/5000/YUC - 2904653



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