

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 |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

Dimensions

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

Ambient conditions

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

General

| | |
|---|--|
| Nominal voltage U_N | 30 V DC |
| Max. current carrying capacity per branch | 100 mA |
| Mounting position | any |
| Standards/specifications | Air and creepage distances DIN EN 50178 basic insulation |
| Pollution degree | 2 |
| Surge voltage category | III |
| Rated surge voltage | 0.8 kV |
| Rated insulation voltage | 50 V |

Connection data for connection 1

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

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Technical data

Connection data for connection 1

| | |
|--|---------------------|
| 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 | Control system 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 |
| eCl@ss 8.0 | 27069203 |

ETIM

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

UNSPSC

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

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Classifications

UNSPSC

| | |
|--------------|----------|
| UNSPSC 11 | 39121421 |
| UNSPSC 12.01 | 39121421 |
| UNSPSC 13.2 | 39121421 |