

Input module - UM-2KS50/DI16/RS/KDS-3/SO227 - 2319171

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16-channel digital input module with screw connection and integrated knife disconnect function. Redundant voltage supply with signaling relay. Suitable for Yokogawa SDV 144 card.



Key commercial data

| | |
|----------------------|----------|
| Packing unit | 1 pc |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

Note

| | |
|-------------------------|---|
| Utilization restriction | EMC: class A product, see manufacturer's declaration in the download area |
|-------------------------|---|

Dimensions

| | |
|--------|--------|
| Width | 180 mm |
| Height | 111 mm |
| Depth | 98 mm |

Ambient conditions

| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -20 °C ... 70 °C |
|---------------------------------|------------------|

General

| | |
|---|--|
| Nominal voltage U_N | 30 V DC |
| Max. current carrying capacity per branch | 100 mA |
| Max. total current of voltage supply | 2 A |
| Mounting position | any |
| Standards/specifications | Air and creepage distances DIN EN 50178 basic insulation |
| Pollution degree | 2 |

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Technical data

General

| | |
|--------------------------|--------|
| Surge voltage category | II |
| Rated surge voltage | 0.5 kV |
| Rated insulation voltage | 50 V |

Connection data for connection 1

| | |
|--|---------------------|
| Connection name | Field level |
| Connection method | Screw 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 | Control system level |
| Number of connections | 2 |
| Connection method | Yokogawa KS-compatible |
| Number of positions | 50 |

Supported controller

| | |
|---------------------|---------------------|
| Controller | YOKOGAWA ProSafe-RS |
| - suitable I/O card | SDV144 |

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 |

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Classifications

ETIM

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