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Especialistas en Automatización

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Output module - UM-2KS50/DO16/RS/K-MT/SO241 - 2319595

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16-channel digital output module with screw connection and integrated knife disconnect function. Redundant voltage supply. Suitable for Yokogawa card SDV 541.



Key Commercial Data

| | |
|--------------|---------------------|
| Packing unit | 1 STK |
| GTIN | 4 046356 447164 |

Technical data

Note

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

Dimensions

| | |
|--------|--------|
| Width | 215 mm |
| Height | 111 mm |
| Depth | 97 mm |

Ambient conditions

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

General

| | |
|--|---|
| Note | Voltage monitoring on the module does not work in combination with upstream HESILED fuse terminal blocks with integrated LED display. |
| Max. perm. operating voltage | 30 V DC |
| Max. perm. current (per branch) | 200 mA |
| Max. permissible current (separate power supply) | 6.3 A (F101, F102) plug-in fuse (IEC 127-2, TR5, 6.3 A) |
| Number of positions | 50 |
| Mounting position | any |
| Designation | Air clearances and creepage distances |
| Standards/regulations | DIN EN 50178 |

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Technical data

General

| | |
|----------------------|------------------|
| Rated surge voltage | basic insulation |
| Degree of pollution | 2 |
| Overvoltage category | III |

Connection data for connection 1

| | |
|----------------------------------|---|
| Connection name | Field level |
| Connection method | Screw connection |
| Conductor cross section solid | 0.2 mm ² ... 4 mm ² |
| Conductor cross section flexible | 0.2 mm ² ... 2.5 mm ² |
| Conductor cross section AWG | 24 ... 12 |
| Number of positions | 32 |

Connection data for connection 2

| | |
|-----------------------|------------------------|
| Connection name | Controller level |
| Connection method | Yokogawa KS-compatible |
| Torque | 0.5 Nm |
| Number of connections | 2 |
| Number of positions | 50 |

Connection data for connection 3

| | |
|----------------------------------|---|
| Connection name | Supply |
| Connection method | Screw connection |
| Conductor cross section solid | 0.2 mm ² ... 4 mm ² |
| Conductor cross section flexible | 0.2 mm ² ... 2.5 mm ² |
| Conductor cross section AWG | 24 ... 12 |

Supported controller

| | |
|---------------------|---------------------|
| Controller | YOKOGAWA ProSafe-RS |
| - suitable I/O card | SDV541 |

Standards and Regulations

| | |
|-----------------------|---------------------------------------|
| Designation | Air clearances and creepage distances |
| Standards/regulations | DIN EN 50178 |
| Degree of pollution | 2 |
| Overvoltage category | III |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |
| eCl@ss 5.0 | 27250313 |
| eCl@ss 5.1 | 27250313 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 6.0 | 27242608 |
| eCl@ss 7.0 | 27242608 |
| eCl@ss 8.0 | 27141152 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001604 |
| ETIM 4.0 | EC001437 |
| ETIM 5.0 | EC002780 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11 | 39121421 |
| UNSPSC 12.01 | 39121421 |
| UNSPSC 13.2 | 39121421 |

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

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| EAC |
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