



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Output module - UM-2KS50/ 8DO/RS/MKDS - 2900174

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8-channel digital output module with screw connection and redundant voltage supply. Suitable for Yokogawa SDV 531 and SDV 531L cards.



Key commercial data

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

Technical data

Dimensions

| | |
|--------|--------|
| Width | 162 mm |
| Height | 112 mm |
| Depth | 80 mm |

Ambient conditions

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

General

| | |
|---|---|
| Nominal voltage U_N | 24 V DC $\pm 5\%$ |
| Max. current carrying capacity per branch | 100 mA |
| Max. total current of voltage supply | 6.3 AT (F150, F151) plug-in fuse (5x20, 6.3 A), DIN 41662 |
| Number of positions | 50 |
| Status display | Green LED (supply), yellow LED (channel) |
| Mounting position | any |
| Designation | Air and creepage distances |
| Standards/regulations | DIN EN 50178 |
| Insulation | Basic insulation |

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Technical data

General

| | |
|------------------------|-----|
| Pollution degree | 2 |
| Surge voltage category | III |

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. | 2.5 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 1.5 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 14 |

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 | SDV531/-L |

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 | 27242608 |
| eCl@ss 7.0 | 27242608 |
| eCl@ss 8.0 | 27242608 |

ETIM

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

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Classifications

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11 | 39121421 |
| UNSPSC 12.01 | 26121620 |
| UNSPSC 13.2 | 39121421 |