



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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## Input module - UM-2KS50/16DI/RS/MKDS - 2900173

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16-channel digital input module with screw connection and redundant voltage supply. Suitable for Yokogawa SDV 144 card.



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	480.0 GRM
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
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#### General

Nominal voltage $U_N$	24 V DC $\pm 5\%$
Max. current carrying capacity per branch	100 mA
Max. total current of voltage supply	2 A (F150, F151) plug-in fuse (5x20, 2 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

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## Technical data

### General

Insulation	Basic insulation
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 <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
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	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	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	39121421
UNSPSC 13.2	39121421

### Approvals

#### Approvals

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Approvals

CSA

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Ex Approvals

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Approvals submitted

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#### Approval details

CSA
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