



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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## 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
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#### Dimensions

Width	180 mm
Height	111 mm
Depth	98 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
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#### 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 <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
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