

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
GTIN	
GTIN	4046356484053

Technical data

Note

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

Width	162 mm
Height	112 mm
Depth	80 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
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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	24 V DC $\pm 5\%$
Max. perm. current (per branch)	100 mA
Max. permissible current (separate power 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

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Technical data

General

Degree of protection	IP00
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Connection data for connection 1

Connection name	Field level
Connection method	Screw connection
Conductor cross section solid	0.2 mm² ... 2.5 mm²
Conductor cross section flexible	0.2 mm² ... 1.5 mm²
Conductor cross section AWG	24 ... 14

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	pluggable
Number of connections	1
Number of positions	6

Supported controller

Controller	Yokogawa ProSafe-RS
- suitable I/O card	SDV144

Standards and Regulations

Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178: 1998-04
Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 µs)
Insulation	Functional insulation
Degree of pollution	2
Overvoltage category	II

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals

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Approvals

Approvals

CSA / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	LR 13631
Nominal voltage UN		24 V	
Nominal current IN		2 A	

EAC		RU C- DE.A*30.B.01742
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