UM-2KS50/16DI/RS/Z/C-L/SO225 - Input module

2319472

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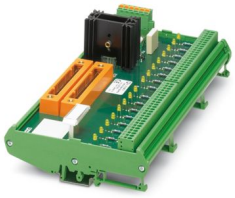

16-channel digital input module with spring-cage connection and redundant voltage supply. Suitable for Yokogawa SDV 144 card.

Commercial data

Item number	2319472
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK2A8N
GTIN	4046356347501
Weight per piece (including packing)	582.2 g
Weight per piece (excluding packing)	0.567 g
Country of origin	DE

Technical data

Product properties

Product type	Interface module

Insulation characteristics: Air clearances and creepage distances

Overvoltage category	III
Pollution degree	2

Electrical properties

Nominal voltage U_N	30 V DC
Max. current carrying capacity per branch	100 mA
Max. total current of all branches	2 A

Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.8 kV (Basic insulation)

Supported controller YOKOGAWA ProSafe-RS

Suitable I/O card	SDV144

Connection data

Field level

Connection method	Spring-cage connection
Number of positions	48
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	24 ... 12

Controller level

Connection method	Yokogawa, KS compatible
Number of connections	2
Number of positions	50
Tightening torque	0.5 Nm

Supply

Connection method	Spring-cage connection
Number of connections	1
Number of positions	6
Conductor cross-section rigid	0.2 mm² ... 2.5 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	24 ... 12

Signaling

Status display present	yes

Dimensions

Item dimensions

Width	250.5 mm
Height	126 mm
Depth	72 mm

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 55 °C

Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN EN 50178

Mounting

Mounting type	DIN rail mounting
Mounting position	any

Notes

Notes on operation	Voltage monitoring on the module does not work in combination with upstream HESILED fuse terminal blocks with integrated LED display.
Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.

Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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