

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 ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
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