

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 ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	1.5 mm ²
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

Approvals

CSA

Ex Approvals

Approvals submitted

Approval details

CSA
