

Input module - UM-2KS40/AI16/RS/SI/KDS3/SO227 - 2319197

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16-channel analog input module with screw connection and integrated knife disconnect function. Redundant voltage supply.
Suitable for Yokogawa SAI 143 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	268 mm
Height	125 mm
Depth	97 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
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General

Nominal voltage U_N	30 V DC
Max. current carrying capacity per branch	300 mA
Max. total current of voltage supply	6.3 A (F101, F102) plug-in fuse (IEC 127-2, TR5, 6.3 A)
Mounting position	any
Standards/specifications	Air and creepage distances DIN EN 50178 basic insulation
Pollution degree	2
Surge voltage category	III

Connection data for connection 1

Connection name	Field level
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Technical data

Connection data for connection 1

Connection method	Screw connection
Number of positions	48
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	40

Supported controller

Controller	YOKOGAWA ProSafe-RS
- suitable I/O card	SAI143

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
ETIM 4.0	EC001437
ETIM 5.0	EC001437

UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421

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Classifications

UNSPSC

UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121421