



Automatización Eléctrica
Especialistas en Automatización

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Input/output module - UM-2KS40/16AIO/RS/SO225 - 2319838

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16-channel analog input and 8-channel analog output module with screw connection and redundant connector plug. Suitable for Yokogawa SAI 143, SAV 144, SAI 533 cards.



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 441384

Technical data

Dimensions

Width	168 mm
Height	126 mm
Depth	52 mm

Ambient conditions

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

Max. perm. operating voltage	30 V DC
Max. perm. current (per branch)	100 mA
Number of positions	50
Mounting position	any
Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178
Rated insulation voltage	50 V
Rated surge voltage	0.8 kV (basic insulation)
Degree of pollution	2
Overvoltage category	III

Connection data for connection 1

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Technical data

Connection data for connection 1

Connection name	Field level
Connection method	Screw connection
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12
Number of positions	32

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	40

Supported controller

Controller	YOKOGAWA ProSafe-RS
- suitable I/O card	SAI143
	SAI144
	SAI533

Standards and Regulations

Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178
Degree of pollution	2
Overvoltage category	III

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	27141152

ETIM

ETIM 3.0	EC001604
ETIM 4.0	EC001437
ETIM 5.0	EC002780

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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 / EAC

Ex Approvals

Approvals submitted

Approval details

CSA

EAC

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Product	Code	Reference	Product link
16-channel analog input and 8-channel analog output module with screw connection and redundant connector plug. Suitable for Yokogawa SAI 143, SAV 144, SAI 533 cards.	2319838	UM-2KS40/16AIO/ RS/SO225	Buy on EAN