

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 pc
GTIN	 4 046356 441384
Weight per Piece (excluding packing)	372.0 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

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. permissible operating voltage	30 V DC
Max. perm. current (per branch)	100 mA
Number of positions	50
Mounting position	any
Designation	Air and creepage distances
Standards/regulations	DIN EN 50178
Rated insulation voltage	50 V

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Technical data

General

Rated surge voltage	0.8 kV (basic insulation)
Pollution degree	2
Surge voltage category	III

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	Controller 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
	SAI144
	SAI533

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

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

Accessories

Accessories

System cable

Cable - FLK 40-PA/EZ-DR/KS/ 100/YUC - 2322786



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 1.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 200/YUC - 2314341



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 2.0 m

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Accessories

Cable - FLK 40-PA/EZ-DR/KS/ 300/YUC - 2314354



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 3.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 400/YUC - 2314367



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 4.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 500/YUC - 2321570



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 5.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 600/YUC - 2314943



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 6.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 700/YUC - 2321583



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 7.0 m

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Accessories

Cable - FLK 40-PA/EZ-DR/KS/ 800/YUC - 2314956



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 8.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 900/YUC - 2321415



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 9.0 m

Cable - FLK 40-PA/EZ-DR/KS/1000/YUC - 2314370



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 10.0 m

Cable - FLK 40-PA/EZ-DR/KS/1100/YUC - 2321428



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 11.0 m

Cable - FLK 40-PA/EZ-DR/KS/1200/YUC - 2321431



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 12.0 m

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Cable - FLK 40-PA/EZ-DR/KS/1300/YUC - 2321444



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 13.0 m

Cable - FLK 40-PA/EZ-DR/KS/1400/YUC - 2321457



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 14.0 m

Cable - FLK 40-PA/EZ-DR/KS/1500/YUC - 2314383



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 15.0 m

Cable - FLK 40-PA/EZ-DR/KS/1600/YUC - 2321596



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 16.0 m

Cable - FLK 40-PA/EZ-DR/KS/1700/YUC - 2321606



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 17.0 m

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Accessories

Cable - FLK 40-PA/EZ-DR/KS/1800/YUC - 2321619



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 18.0 m

Cable - FLK 40-PA/EZ-DR/KS/1900/YUC - 2321622



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 19.0 m

Cable - FLK 40-PA/EZ-DR/KS/2000/YUC - 2314532



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 20.0 m

Cable - FLK 40-PA/EZ-DR/KS/2500/YUC - 2314545



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 25.0 m

Cable - FLK 40-PA/EZ-DR/KS/3000/YUC - 2314558



Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 30.0 m

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Accessories

Cable - FLK 40-PA/EZ-DR/KS/3500/YUC - 2901017



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 35.0 m.

Cable - FLK 40-PA/EZ-DR/KS/4000/YUC - 2901052



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 40.0 m.

Cable - FLK 40-PA/EZ-DR/KS/4500/YUC - 2902912



Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 45.0 m.

Cable - FLK 40-PA/EZ-DR/HF/KS/ 100/YUC - 2904747



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 1 m.

Cable - FLK 40-PA/EZ-DR/HF/KS/ 200/YUC - 2904748



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 2 m.

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Accessories

Cable - FLK 40-PA/EZ-DR/HF/KS/ 300/YUC - 2904749



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 3 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 400/YUC - 2904750



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 4 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 500/YUC - 2904645



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 5 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 600/YUC - 2904751



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 6 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 700/YUC - 2904752



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 7 m

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Cable - FLK 40-PA/EZ-DR/HF/KS/ 800/YUC - 2904753



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 8 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 900/YUC - 2904754



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 9 m

Cable - FLK 40-PA/EZ-DR/HF/KS/1000/YUC - 2904646



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 10 m

Cable - FLK 40-PA/EZ-DR/HF/KS/1500/YUC - 2904647



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 15 m

Cable - FLK 40-PA/EZ-DR/HF/KS/2000/YUC - 2904488



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 20 m

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Accessories

Cable - FLK 40-PA/EZ-DR/HF/KS/2500/YUC - 2904648



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 25 m

Cable - FLK 40-PA/EZ-DR/HF/KS/3000/YUC - 2904649



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 30 m

Cable - FLK 40-PA/EZ-DR/HF/KS/3500/YUC - 2904650



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 35 m

Cable - FLK 40-PA/EZ-DR/HF/KS/4000/YUC - 2904651



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 40 m

Cable - FLK 40-PA/EZ-DR/HF/KS/4500/YUC - 2904652



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 45 m

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Accessories

Cable - FLK 40-PA/EZ-DR/HF/KS/5000/YUC - 2904653



Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 50 m

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