

Input module - UM-2KS40/16AI/SI/RS/Z/SO225 - 2319045


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



16-channel analog input module with spring-cage connection and redundant voltage supply. Suitable for Yokogawa SAI 143 card.



Key commercial data

Packing unit	1 pc
Minimum order quantity	4 pc
GTIN	 4 046356 340656
Weight per Piece (excluding packing)	300.0 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
-------------------------	---

Dimensions

Width	250.5 mm
Height	126 mm
Depth	97 mm

Ambient conditions

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

General

Note	Voltage monitoring on the module does not work in combination with upstream HESILED fuse terminal blocks with integrated LED display.
Max. permissible operating voltage	30 V DC
Max. perm. current (per branch)	1 A
Mounting position	any

Input module - UM-2KS40/16AI/SI/RS/Z/SO225 - 2319045

Technical data

General

Designation	Air and creepage distances
Standards/regulations	DIN EN 50178
Rated insulation voltage	50 V
Rated surge voltage	0.8 kV (basic insulation)
Pollution degree	2
Surge voltage category	III

Connection data for connection 1

Connection name	Field level
Number of connections	1
Connection method	Spring-cage 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	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

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

ETIM

ETIM 2.0	EC001434
ETIM 3.0	EC001604

Input module - UM-2KS40/16AI/SI/RS/Z/SO225 - 2319045

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

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

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

Input module - UM-2KS40/16AI/SI/RS/Z/SO225 - 2319045

Accessories

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

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

Input module - UM-2KS40/16AI/SI/RS/Z/SO225 - 2319045

Accessories

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

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

Input module - UM-2KS40/16AI/SI/RS/Z/SO225 - 2319045

Accessories

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

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

Input module - UM-2KS40/16AI/SI/RS/Z/SO225 - 2319045

Accessories

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

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.

Input module - UM-2KS40/16AI/SI/RS/Z/SO225 - 2319045

Accessories

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

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

Input module - UM-2KS40/16AI/SI/RS/Z/SO225 - 2319045

Accessories

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: 60 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

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

Input module - UM-2KS40/16AI/SI/RS/Z/SO225 - 2319045

Accessories

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

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

Input module - UM-2KS40/16AI/SI/RS/Z/SO225 - 2319045

Accessories

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

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
