PHŒNIX CONTACT

Output module - UM-2KS50/ 8DO/RS/MKDS - 2900174

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)

8-channel digital output module with screw connection and redundant voltage supply. Suitable for Yokogawa SDV 531 and SDV 531L cards.

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356484046

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
Type of note	Notes on operation
Note	Voltage monitoring on the module does not work in combination with upstream HESILED fuse terminal blocks with integrated LED display.

Dimensions

Width	162 mm
Height	112 mm
Depth	80 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
Maximum altitude	< 2000 m
Degree of protection	IP00
	$\geq$ IP54 (Installation location)

General

Nominal voltage U_N	24 V DC ±5 %
Max. perm. current (per branch)	100 mA

Output module - UM-2KS50/ 8DO/RS/MKDS - 2900174

Technical data

General

Max. permissible current (separate power supply)	6.3 AT (F17, F18) pluggable fuse (5x20, 6.3 A), DIN 41662
Number of positions	50
Status display	Green LED (supply), yellow LED (channel)
Mounting position	any

Connection data

Connection name	Field level
Connection method	Screw connection
Conductor cross section solid	0.2 mm² ... 4 mm²
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG	24 ... 12

Connection data 2

Connection name	Controller level
Connection method	Yokogawa KS-compatible
Number of connections	2
Number of positions	50
Torque	0.5 Nm

Connection data 3

Connection name	Supply
Connection method	pluggable
Number of connections	1
Number of positions	6

Supported controller

Controller	Yokogawa ProSafe-RS
- suitable I/O card	SDV531/-L

Standards and Regulations

Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178: 1998-04
Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 µs)
Insulation	Functional insulation
Pollution degree	2
Overvoltage category	II

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Output module - UM-2KS50/ 8DO/RS/MKDS - 2900174

Classifications

eCl@ss

eCl@ss 10.0.1	27141152
eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27250300
eCl@ss 5.1	27250300
eCl@ss 6.0	27242600
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

ETIM

ETIM 5.0	EC002780
ETIM 6.0	EC002780
ETIM 7.0	EC002780

UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	26121620
UNSPSC 13.2	39121432
UNSPSC 18.0	39121432
UNSPSC 19.0	39121432
UNSPSC 20.0	39121432
UNSPSC 21.0	39121432

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC	EAC	RU*-DE.*08.B.01829*

Output module - UM-2KS50/ 8DO/RS/MKDS - 2900174

Accessories

Accessories

Front adapter

Front adapters - FLK 50-PA/EZ-DR/KS/ 200/YOC - 2314396

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 2.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/ 300/YOC - 2314406

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 3.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/ 400/YOC - 2314419

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 4.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/ 600/YOC - 2314969

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 6.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/ 800/YOC - 2314972

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 8.0 m

Output module - UM-2KS50/ 8DO/RS/MKDS - 2900174

Accessories

Front adapters - FLK 50-PA/EZ-DR/KS/1000/YOC - 2314422

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 10.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/1500/YOC - 2314435

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 15.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/2000/YOC - 2314561

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 20.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/2500/YOC - 2314574

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 25.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/3000/YOC - 2314587

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 30.0 m

Output module - UM-2KS50/ 8DO/RS/MKDS - 2900174

Accessories

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 100/YOC - 2904985

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 1.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 200/YOC - 2904986

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 2.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 300/YOC - 2904987

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 3.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 400/YOC - 2904988

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 4.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 500/YOC - 2904989

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 5.0 m

Output module - UM-2KS50/ 8DO/RS/MKDS - 2900174

Accessories

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 600/YOC - 2904990

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 6.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 700/YOC - 2904991

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 7.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 800/YOC - 2904992

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 8.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 900/YOC - 2904993

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 9.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/1000/YOC - 2904994

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 10.0 m

Output module - UM-2KS50/ 8DO/RS/MKDS - 2900174

Accessories

Front adapters - FLK 50-PA/EZ-DR/HF/KS/1500/YOC - 2904995

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 15.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/2000/YOC - 2904996

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 20.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/2500/YOC - 2904997

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 25.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/3000/YOC - 2904998

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 30.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/3500/YOC - 2904999

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 35.0 m

Output module - UM-2KS50/ 8DO/RS/MKDS - 2900174

Accessories

Front adapters - FLK 50-PA/EZ-DR/HF/KS/4000/YOC - 2905000

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 40.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/4500/YOC - 2905001

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 45.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/5000/YOC - 2905002

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 50.0 m

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
http://www.phoenixcontact.com

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Terminal Block Interface Modules *category:*

Click to view products by Phoenix Contact *manufacturer:*

Other Similar products are found below :

73-551-6002I GCN1MX25B DIN-50P-01 DIN-68H-01 DIN-96DI-01 2291901 2295185 2907794 2M10FCL FLKM-2I/O FLKM-4I/O 2281759 2906251 2907808 5601749 5541962 1776613-1 GCN1-004A ADAM-3920R-AE 060-6827-06 2311030 2287708 XW2C-20G6-IO16 GCN1-T MACX MCR-VAC 5775235 ADAM-3956-BE XW6T-COM2.5X20YL XW6T-COM1.5X8BL XW6T-COM1.5X16BL XW6T-COM1.5X20YL XW6T-COM1.5X16YL XW6T-COM1.5X20RD XW6T-COM1.5X20BL XW6T-COM2.5X8BL 1976610000 UM 45-D50SUB/B/ZFKDS 5541234 410-261 2906243 2907706 ADAM-3909-AE ADAM-3920-AE ADAM-3925-AE ADAM-3937-BE ADAM-3950-AE ADAM-3951-BE ADAM-3968-AE ADAM-3968/50-AE 2905026