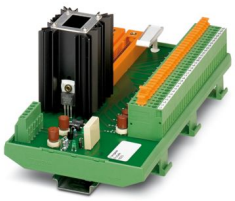
UM-2KS50/DO16/RS/K-MT/SO241 - Output module

2319595

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16-channel digital output module with screw connection and integrated knife disconnect function. Redundant voltage supply. Suitable for Yokogawa card SDV 541.

Commercial data

Item number	2319595
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK2A8N
GTIN	4046356447164
Weight per piece (including packing)	824.4 g
Weight per piece (excluding packing)	824.4 g
Customs tariff number	85389099
Country of origin	DE

Technical data

Product properties

Product type	Interface module
Number of positions	50
No. of channels	16

Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (DC)	30 V DC
Current (per branch)	≤ 200 mA

Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 µs)

Supported controller: YOKOGAWA ProSafe-RS

Suitable I/O card	SDV541

Connection data

Field level

Connection method	Screw connection
Number of positions	32
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	24 ... 12

Controller level

Connection method	Yokogawa, KS compatible
Number of connections	2
Number of positions	50
Tightening torque	0.5 Nm

Supply

Connection method	Screw connection
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	24 ... 12

Signaling

Status display present	no

Dimensions

Item dimensions

Width	215.1 mm
Height	111.8 mm
Depth	93.4 mm

Material specifications

Color	green (RAL 6021)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-20 °C ... 70 °C
Altitude	< 2000 m

Standards and regulations

Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1

Mounting

Mounting type	DIN rail mounting
Mounting position	any

Notes

Notes on operation	Voltage monitoring on the module does not work in combination with upstream HESILED fuse terminal blocks with integrated LED display.
Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2319595

EAC
Approval ID: RU*-DE.*08.B.01829*

Classifications

ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

ETIM

ETIM 10.0	EC002780

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	b6b7c53e-b0f3-44f4-9122-c62bac001323

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