

## Relay Module - UM-2KS50-RM/MR/SI/1/SDV541 - 2319430

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 output relay module with screw connection and 50-pos. system connection, coil side is protected and non-isolated (optional), for Yokogawa SDV 541 cards, module width: 425 mm

### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	1.0 GRM
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Note

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

#### Dimensions

Width	425 mm
Height	130 mm
Depth	95 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
---------------------------------	------------------

#### Input data

Nominal input voltage $U_N$	24 V DC
Input voltage range in reference to $U_N$	0.9 ... 1.1
Typical input current at $U_N$	40 mA
Protective circuit/component	Damping diode
Status display/channel	Yellow LED

#### Output data

Contact type	1 N/O contact
Contact material	Ag alloy, hard gold-plated

# Relay Module - UM-2KS50-RM/MR/SI/1/SDV541 - 2319430

## Technical data

### Output data

Maximum switching voltage	230 V AC/DC
Limiting continuous current	4 A (plug-in fuse)
Maximum inrush current	Supply 24 V DC/2 A, (P1+, P2+), pluggable fuse (IEC 60127-3/IV, 2AT)

### General

Mounting position	any
-------------------	-----

### Connection data for connection 1

Connection name	Supply
Connection method	Screw connection
Number of positions	6
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section solid min.	0.34 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

### Connection data for connection 2

Connection name	Field level
Number of connections	2
Connection method	Screw connection with disconnect knife
Number of positions	20
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

### Supported controller

Corresponding control	YOKOGAWA ProSafe-RS
Corresponding I/O card	SDV541

## Classifications

### eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313

# Relay Module - UM-2KS50-RM/MR/SI/1/SDV541 - 2319430

## Classifications

### eCl@ss

eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 6.0	27069203
eCl@ss 7.0	27069203
eCl@ss 8.0	27069203

### ETIM

ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC001437

### 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
-----

---