

UM-16 RELS/KSR-G24/21-21/PLC - Active module



2962191

<https://www.phoenixcontact.com/us/products/2962191>

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VARIOFACE output module, with plug-in bases for 16 miniature relays, with 2 changeover contacts each (without relays), for 24 V DC

Commercial data

Item number	2962191
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DK2191
GTIN	4017918087111
Weight per piece (including packing)	745 g
Weight per piece (excluding packing)	585.5 g
Customs tariff number	85364190
Country of origin	DE

Technical data

Product properties

Product type	Interface module
No. of channels	16
	32
Compatible components	Miniature relay, REL-MR- 24DC/21-21
With components	yes

Insulation characteristics

Overvoltage category	III
Pollution degree	2

Electrical properties

Supported controller: SIEMENS S7-400

Suitable I/O card	6ES7422-1BL00-0AA0
	6ES7422-7BL00-0AB0

Supported controller: ALLEN-BRADLEY ControlLogix

Suitable I/O card	1756-OB32
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Supported controller: ALLEN-BRADLEY PLC 5

Suitable I/O card	1771 OBN
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Supported controller: HONEYWELL Experion PKS C200

Suitable I/O card	TC-ODD 321
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Supported controller: MITSUBISHI MELSEC Q

Suitable I/O card	QY81P
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Supported controller: SCHNEIDER ELECTRIC Modicon TSX QUANTUM

Suitable I/O card	DDO 353
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Supported controller: SIEMENS S7-300 / ET 200 M

Suitable I/O card	6ES7322-1BL00-0AA0
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Supported controller: GE-FANUC RX3i

Suitable I/O card	IC694MDL754
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Input data

Nominal input voltage U_N	24 V DC (Related to the assembly)
Protective circuit	Freewheeling diode; Freewheeling diode
Operating voltage display	Green LED
Status display/channel	Yellow LED

Output data

Compatible components	Miniature relay, REL-MR- 24DC/21-21
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Switching

Contact switching type	2 changeover contacts
Maximum switching voltage	250 V AC/DC
Limiting continuous current	3 A

Connection data

Controller level

Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	50
Pitch	2.54 mm

Field level

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of connections	16
Number of positions	6
Conductor cross-section rigid	0.2 mm ² ... 4 mm ²
Conductor cross-section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross-section AWG	24 ... 12

Signaling

Status display present	yes
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Dimensions

Width	267 mm
Height	111.5 mm
Depth	59 mm

Material specifications

Color	green (RAL 6021)
Housing insulation material	PVC, side panel PA non-reinforced,

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Standards and regulations

Standards/regulations	IEC 60664
	DIN EN 50178

Mounting

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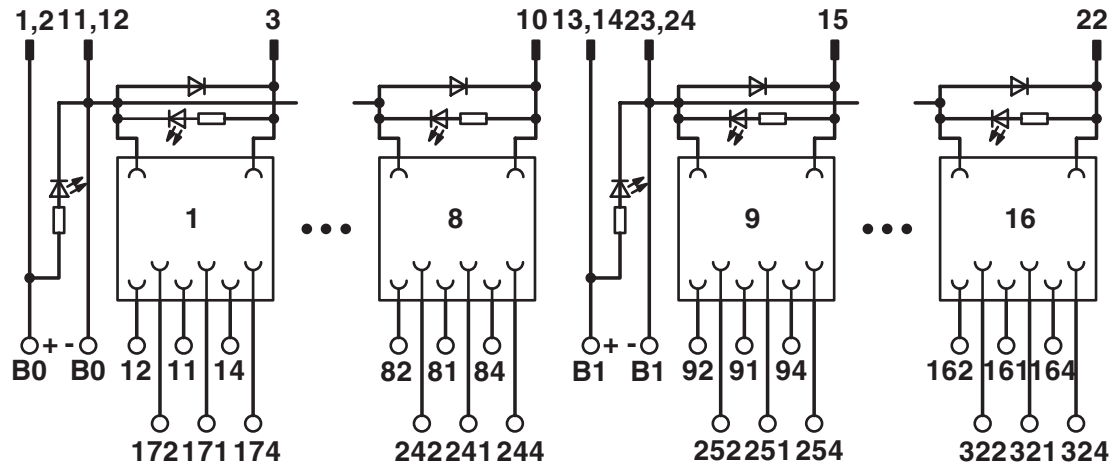
Assembly note	in rows with zero spacing
Mounting position	any

Notes

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.
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Drawings

Circuit diagram



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Environmental product compliance

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.
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EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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