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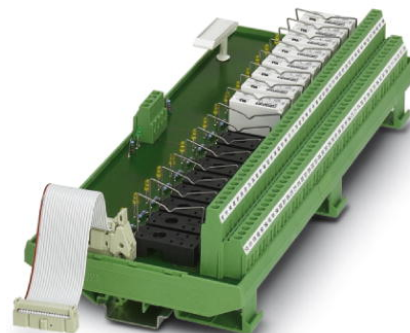
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



Extract from the online catalog

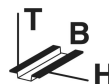
## UM-16 RELS/KSR-G24/21-21E/PLC

Order No.: 2962201



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2962201>

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



Commercial data	
GTIN (EAN)	
Note	Made-to-order
sales group	I640
Pack	1 pcs.
Customs tariff	85364190
Catalog page information	Page 253 (IF-2009)

### Product notes

WEEE/RoHS-compliant since:  
09/04/2006



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

Input data	
Nominal input voltage $U_N$	24 V DC (Related to the assembly)
Type of protection	Free-wheeling diode
Protective circuit/component	Damping diode
Operating voltage display	Green LED

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Status display/channel	Yellow LED
<b>Output data</b>	
Contact type	2 PDT
Maximum switching voltage	250 V AC/DC
Limiting continuous current	3 A
<b>General data</b>	
No. of channels	16
Compatible components	Miniature relay, REL-MR- 24DC/21-21
With components	Yes
Width	267 mm
Height	111.5 mm
Depth	59 mm
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Test voltage	2.5 kV (50 Hz, 1 min.)
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Mounting position	Any
Assembly instructions	In rows with zero spacing
Pollution degree	2
Surge voltage category	III
Housing insulation material	PVC, side panel PA non-reinforced,
Color	green
<b>Connection data</b>	
Connection 1	Coil side
Type of connection	Flat-ribbon cable plug connector in acc. with IEC 60603-13
Number of positions	20
Connection 2	Contact side
Type of connection	Screw connection
Number of positions	6
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>

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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
Screw thread	M3
Stripping length	8 mm

**Certificates / Approvals**



Certification

GOST

**Additional products**

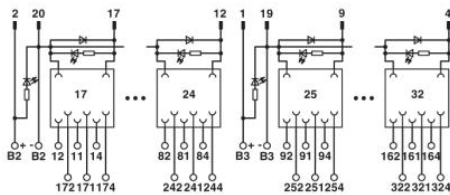
Item	Designation	Description
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**General**

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**Diagrams/Drawings**

Circuit diagram



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