

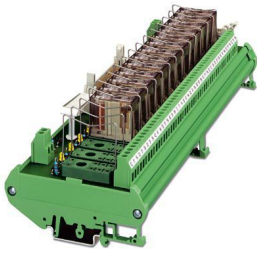
UMK-16 RELS/KSR-G24/S100 - Active module



2975832

<https://www.phoenixcontact.com/us/products/2975832>

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VARIOFACE output module, for Siemens SIMATIC S5-95U and S5-100U, with plug-in socket for 16 miniature switching relays, for 24 V DC

Commercial data

Item number	2975832
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK218S
GTIN	4017918089153
Weight per piece (including packing)	486.6 g
Weight per piece (excluding packing)	482.8 g
Customs tariff number	85364190
Country of origin	DE

Technical data

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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Product properties

Product type	Relay Module
No. of channels	16
Compatible components	Miniature switching relay, REL-MR-24DC/21HC
With components	no

Insulation characteristics

Overvoltage category	III
Pollution degree	2

Input data

Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	0.8 ... 1.1
Input voltage range	19.2 V DC ... 26.4 V DC
Protective circuit	Freewheeling diode; Freewheeling diode Reverse polarity protection; Polarity protection diode
Operating voltage display	Green LED
Status display/channel	Yellow LED

Output data

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

Contact switching type	1 changeover contact
Maximum switching voltage	250 V AC/DC
Limiting continuous current	5 A
Error detection (line break / short-circuit)	no

Connection data

Input

Connection method	Flat-ribbon cable connectors
Number of connections	2
Number of positions	40

Output

Connection method	Screw connection
Stripping length	8 mm

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Screw thread	M3
Number of connections	52
Number of positions	3
Conductor cross-section rigid	0.2 mm ² ... 2.5 mm ²
Conductor cross-section flexible	0.2 mm ² ... 4 mm ²
Conductor cross-section AWG	24 ... 12

Signaling

Status display present	yes
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Dimensions

Width	270 mm
Height	90 mm
Depth	68 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

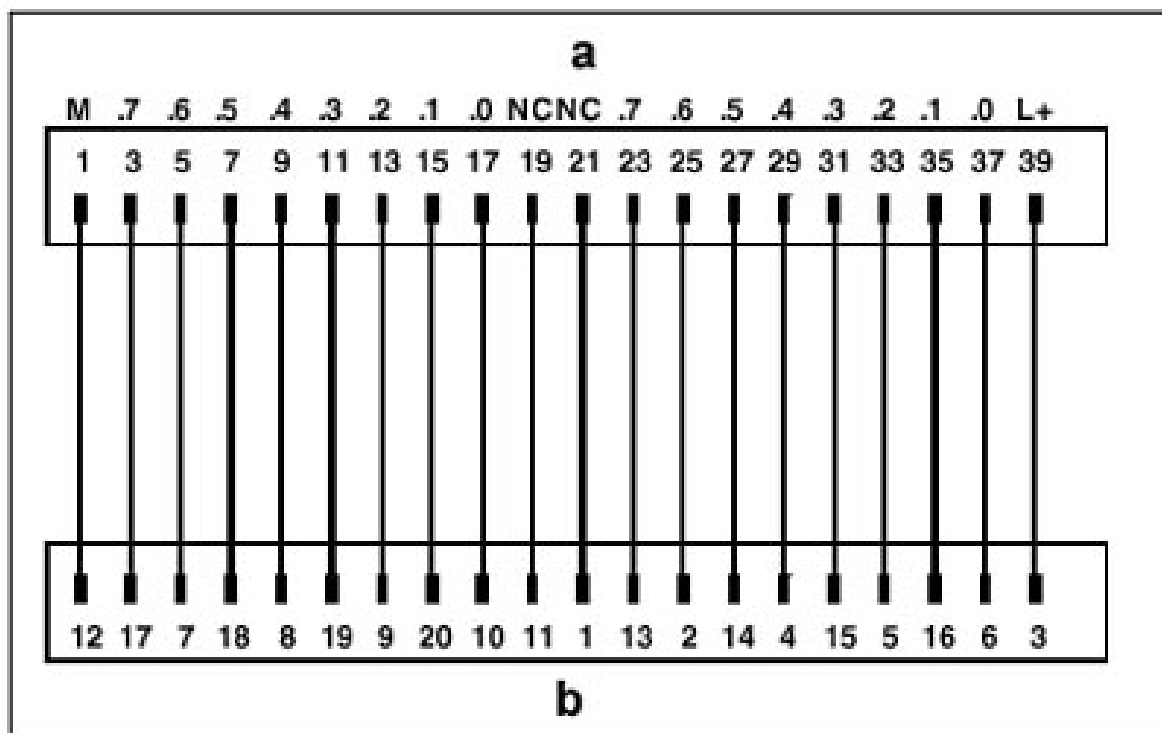
Standards/regulations	IEC 664
	IEC 664 A
	DIN VDE 0110
	DIN VDE 0160 (in parts)

Mounting

Mounting position	any
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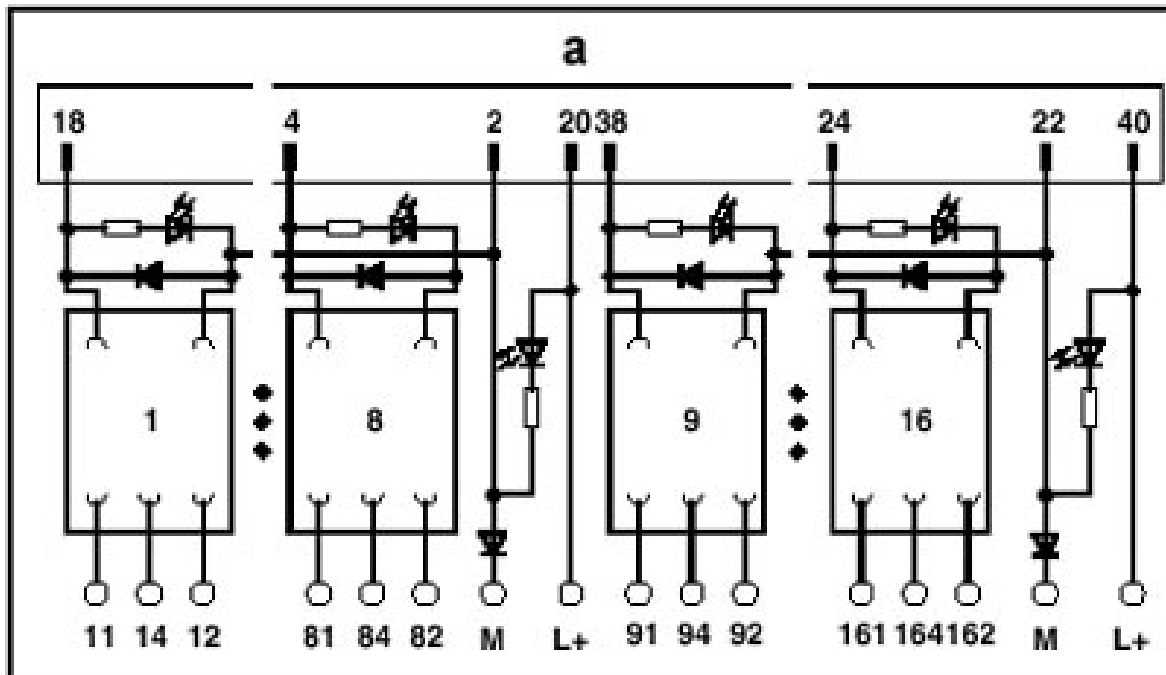
Drawings

Circuit diagram



a = pin strip FLK40
b = pin strip FLK20

Circuit diagram



a = pin strip FLK 40

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Environmental product compliance

EU REACH SVHC

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