

Multiple relay module - UMK- 8 RELS/KSR-24/21/21 - 2975722


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VARIOFACE module, with plug-in bases for 8 miniature relays with two PDT contacts, with light indicator



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 100810
GTIN	4017918100810
Weight per Piece (excluding packing)	260.000 g
Custom tariff number	85364190
Country of origin	Germany

Technical data

Note

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

Width	168.8 mm
Height	77 mm
Depth	59 mm

Ambient conditions

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

Input data

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Input data

Nominal input voltage U_N	24 V DC $\pm 10\%$
Input voltage range in reference to U_N	0.9 ... 1.1
Type of protection	Free-wheeling diode
Protective circuit/component	Damping diode
Type of protection	Reverse polarity protection
Protective circuit/component	Polarity protection diode
Status display/channel	Yellow LED

Output data

Contact type	2 PDT
Maximum switching voltage	250 V AC
Limiting continuous current	5 A
Error detection (line break / short-circuit)	no

General

No. of channels	8
Compatible components	Miniature relays or miniature optocouplers
With components	no
Mounting position	any
Housing insulation material	PVC, side panel PA non-reinforced,
Color	green

Connection data for connection 1

Connection name	Input
Connection method	Screw connection
Stripping length	6 mm
Screw thread	M3
Conductor cross section solid	0.14 mm ² ... 1.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 1.5 mm ²
Conductor cross section AWG	26 ... 14
Number of connections	1
Number of positions	10

Connection data for connection 2

Connection name	Output
Connection method	Screw connection
Stripping length	6 mm
Screw thread	M3
Conductor cross section solid	0.14 mm ² ... 1.5 mm ²

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Technical data

Connection data for connection 2

Conductor cross section flexible	0.14 mm ² ... 1.5 mm ²
Conductor cross section AWG	26 ... 14
Number of connections	48
Number of positions	6

Standards and Regulations

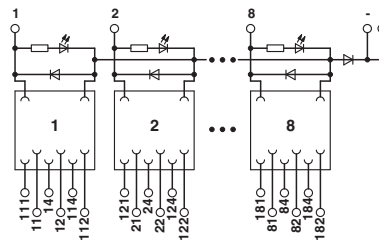
Standards/regulations	DIN VDE 0110
Degree of pollution	2
Overvoltage category	III

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Circuit diagram



Classifications

eCl@ss

eCl@ss 5.0	27371603
eCl@ss 5.1	27371603
eCl@ss 6.0	27371603
eCl@ss 7.0	27371603
eCl@ss 8.0	27371603
eCl@ss 9.0	27371603

ETIM

ETIM 2.0	EC001456
ETIM 3.0	EC001456
ETIM 4.0	EC001456

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Classifications

ETIM

ETIM 5.0	EC001456
ETIM 6.0	EC001456

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121543
UNSPSC 11	39121543
UNSPSC 12.01	39121543
UNSPSC 13.2	39122326

Approvals


Approvals


Approvals

EAC / EAC

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B.01082
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EAC		EAC-Zulassung
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Accessories

Accessories

Retaining bracket

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Accessories

Retaining bracket - SIM-ERSN-HB-KSR - 2271468



Retainer, for miniature switching relays or miniature optocouplers

Retaining bracket - SIM-ERSN-HB-KSR/MET - 2271497



Retainer, for miniature switching relays or miniature optocouplers

Retaining bracket - SIM-ERSN-HB-MR - 2271471



Retainer, for miniature relay

Retaining bracket - SIM-ERSN-HB-MR/MET - 2271510



Retainer, for miniature relay

Single relay

Single relay - REL-MR- 24DC/21-21 - 2961192



Plug-in miniature power relay, with power contact, 2 PDTs, input voltage 24 V DC

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Accessories

Single relay - REL-MR- 24DC/21-21AU - 2961215



Plug-in miniature power relay, with multi-layer gold contact, 2 PDTs, input voltage 24 V DC

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