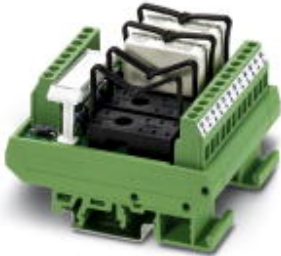


Multiple relay module - UMK- 4 RM 5DC - 2972819

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VARIOFACE module, for 4 plug-in miniature relays or miniature optocouplers, with LED, 5 V DC input voltage

The illustration shows a version for 4 pluggable miniature switching relays or miniature optocouplers



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 088774
GTIN	4017918088774
Weight per Piece (excluding packing)	160.100 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	67.5 mm
Height	77 mm
Depth	59 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
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Multiple relay module - UMK- 4 RM 5DC - 2972819

Technical data

Ambient conditions

Ambient temperature (storage/transport)	-20 °C ... 70 °C
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Input data

Nominal input voltage U_N	5 V DC \pm 10 %
Type of protection	Free-wheeling diode
Protective circuit/component	Damping diode
Type of protection	Reverse polarity protection
Protective circuit/component	Polarity protection diode
Operating voltage display	Yellow LED
Status display/channel	Yellow LED

Output data

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

General

No. of channels	4
Compatible components	Miniature relays or miniature optocouplers
With components	no
Degree of protection	IP00
Mounting position	any
Color	green

Connection data for connection 1

Connection name	Input
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	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
Number of connections	2
Number of positions	8

Connection data for connection 2

Connection name	Output
Connection method	Screw connection
Stripping length	8 mm

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Technical data

Connection data for connection 2

Screw thread	M3
Conductor cross section solid	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
Number of connections	12
Number of positions	3

Standards and Regulations

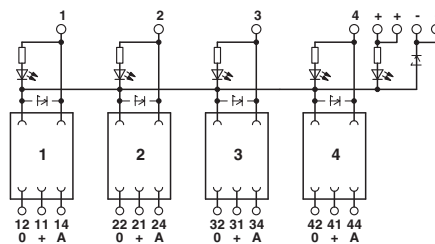
Standards/regulations	DIN EN 50178
	IEC 60664
Rated insulation voltage	260 V AC
Rated surge voltage	4 kV (Basic insulation between output contact current paths)
	6 kV (Safe isolation and reinforced insulation between input circuit and output contact paths)
Degree of pollution	2
Overvoltage category	III

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

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Classifications

eCl@ss

eCl@ss 8.0	27371603
eCl@ss 9.0	27371603

ETIM

ETIM 2.0	EC001456
ETIM 3.0	EC001456
ETIM 4.0	EC001456
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

Ex Approvals

Approval details

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

Accessories

Retaining bracket

Multiple relay module - UMK- 4 RM 5DC - 2972819

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 solid-state relay

Miniature solid-state relay - SIM-EI- 5DC/48DC/100 - 2271057



Input solid-state relay, with protective circuit in input and output circuits, input: 5 V DC, output: 8 - 48 V DC/100 mA

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Accessories

Miniature solid-state relay - SIM-EI- 5DC/TTL/100 - 2271138



Input solid-state relay, with protective circuit in input and output circuits, input: 5 V DC, output: TTL logic level, max. 100 mA