

UM-8RM/MR-G24/1/SI/PLC - Termination board



2902371

<https://www.phoenixcontact.com/us/products/2902371>

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8-channel VARIOFACE module, with screw connection and 20-pos. flat-ribbon cable connector, status indicator per channel, for connecting I/O card DO810, DO840

Commercial data

Item number	2902371
Packing unit	1 pc
Minimum order quantity	10 pc
Product key	DK2A91
GTIN	4046356660174
Weight per piece (including packing)	626 g
Weight per piece (excluding packing)	626 g
Country of origin	DE

Technical data

Product properties

Product type	Interface module
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Insulation characteristics: Air clearances and creepage distances, input/output

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Air clearances and creepage distances, input/output

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 μ s)

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
Typical input current at U_N	10 mA
Typical response time	5 ms
Typical release time	6 ms
Protective circuit	Freewheeling diode
Status display/channel	Yellow LED

Output data

Switching

Note	Jumper in the contact relay
Contact switching type	Single contact, 1 N/O contact
Maximum switching voltage	24 V AC/DC
Nominal supply voltage	24 V DC

Connection data

Supply

Connection method	Screw connection
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

Controller level

Connection in acc. with standard	IEC 60603-13
Connection method	Flat-ribbon cable connection

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Number of connections	1
Number of positions	20

Field level

Connection method	Screw connection
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

Dimensions

Width	116 mm
Height	128 mm
Depth	90 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-20 °C ... 50 °C
Altitude	≤ 2000 m

Standards and regulations

Air clearances and creepage distances, input/output

Standards/regulations	DIN EN 50178: 1998-04
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Mounting

Mounting type	DIN rail mounting
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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