

# UMK-RJ45/S/8PTDA - Passive module

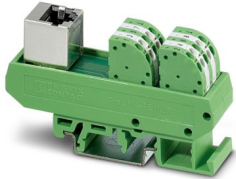


2900682

<https://www.phoenixcontact.com/us/products/2900682>

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VARIOFACE module for connecting a RJ45 socket with spring-cage double connection terminal blocks in direct plug-in method.



## Your advantages

- Connector housing led to separate connection terminal blocks
- RJ45 connector, 8-pos.
- Screw or spring-cage connection (direct plug-in technology)
- 1:1 connection

## Commercial data

Item number	2900682
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C422
Product key	DK2A83
GTIN	4046356524353
Weight per piece (including packing)	59.4 g
Weight per piece (excluding packing)	59.225 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

Product type	Interface module
Product family	VARIOFACE
Number of positions	8

### Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 50 V DC
Current (per branch)	≤ 1 A

### Air clearances and creepage distances

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

### Connection data

#### Connection 1

Connection method	Female
Type	RJ45
Number of connections	1
Number of positions	8

#### Connection 2

Connection method	Push-in spring connection
Stripping length	10 mm
Number of positions	10
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule without plastic sleeve)
	0.5 mm <sup>2</sup> ... 0.5 mm <sup>2</sup> (Ferrule with plastic sleeve)
Conductor cross-section flexible (2 conductors with same cross section)	0.5 mm <sup>2</sup> ... 0.5 mm <sup>2</sup> (TWIN ferrule with plastic sleeve)
Conductor cross-section AWG	24 ... 16
Pitch	3.5 mm

### Signaling

Status display present	no
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### Dimensions

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## Item dimensions

Width	22.4 mm
Height	77 mm
Depth	42.8 mm

## Environmental and real-life conditions

### Ambient conditions

Degree of protection (Module)	IP00
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

## Approvals

### UKCA

Certificate	UKCA-compliant
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## Standards and regulations

### Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
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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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## Drawings

Circuit diagram



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## Classifications

### ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

### ETIM

ETIM 10.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

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