

# UMK-16 OM/AMSC/SLC - Active module



2298768

<https://www.phoenixcontact.com/us/products/2298768>

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## Commercial data

Item number	2298768
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C429
Product key	DK2AZZ
GTIN	4017918813864
Weight per piece (including packing)	442.9 g
Weight per piece (excluding packing)	442.9 g
Customs tariff number	85369010
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
Compatible components	Solid-state relay, Generation 4 from OPTO 22
With components	no

### Insulation characteristics

Overvoltage category	III
Pollution degree	2

### Input data

Nominal input voltage $U_N$	24 V DC
Input voltage range	30 V DC
Typical input current at $U_N$	Related to the assembly
Operating voltage display	Green LED

### Output data

Compatible components	Solid-state relay, Generation 4 from OPTO 22
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### Switching

Maximum switching voltage	250 V AC/DC
Limiting continuous current	6 A
Operating voltage display	Green LED

### Connection data

#### Flat-ribbon cable connection

Connection method	Flat-ribbon cable connector in acc. with IEC 60603-13
Number of connections	2
Number of positions	20

#### PCB connection

Connection method	Screw connection
Stripping length	6 mm
Screw thread	M3
Conductor cross-section rigid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section AWG	26 ... 16

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## Signaling

Status display present	no
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## Dimensions

Width	259 mm
Height	90 mm
Depth	87 mm

## Material specifications

Color	green (RAL 6021)
Housing insulation material	Polyamide PA non-reinforced

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
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## Standards and regulations

Standards/regulations	IEC 60664
	DIN VDE 0109-11
	DIN VDE 0110
	IEC 60664A

## Mounting

Assembly note	in rows with zero spacing
Mounting position	any

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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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