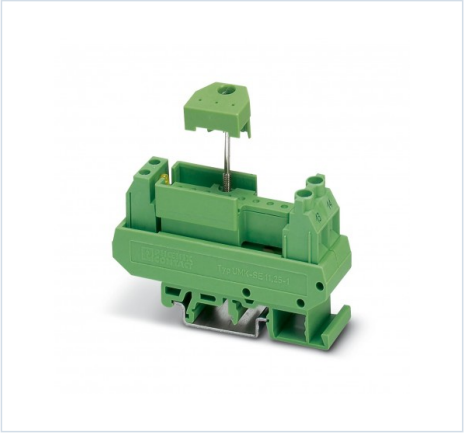
INDUSTRIAL COMPONENT DATA

# UMK- 1 OM-R/AMS 2983002 PHOENIX CONTACT Optocoupler module

**Brand: PHOENIX CONTACT | Manufacturer Part Number: UMK-1 OM-R/AMS**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | UMK-1 OM-R/AMS |
| Catalog number | 2983002 |
| Category | Optocoupler |
| Minimum order | 1 Pcs |
| Document ID | EO-3B1A47B37B |
| Generated | 2026-11-18 |

## Product Overview

Optocoupler module
The UMK-1 OM-R/AMS is a wiring interface and coupling level in one unit: Status indication, polarity reversal protection and input surge protection, solid-state relays up to 350 V DC/1 A or 480 V AC/5 A
The UMK-1 OM-R/AMS is the wiring interface and coupling level in one unit: Diagnostic and status indicator, polarity and surge protection at the input, assembly option with solid-state relay up to 350 V DC/1 A or 480 V AC/5 A

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

| | |
|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Relays |

## Additional Product Information

Technical dataProduct propertiesProduct type Solid-state relay module
Operating mode 100% operating factor
With components yes
Data management status
Article revision 05
Insulation characteristics
Overvoltage category III
Pollution degree 2
Electrical propertiesRated surge voltage 8 kV
Input dataNominal input voltage UN 24 V DC
Input voltage range 4 V ... 32 V

Typical input current at UN 2 mA (without plug-in module)
Protective circuit Reverse polarity protection; Polarity protection diode
Surge protection; Suppressor diode
Status display/channel Yellow LED
Output dataSwitching
Contact switching type 1 N/O contact (double contact)
Maximum switching voltage 230 V AC
550 V AC
Minimum switching voltage 24 V AC
Limiting continuous current 5 A
Error detection (line break / short-circuit) no
Connection dataInput
Connection method Screw connection
Stripping length 8 mm
Screw thread M3
Number of connections 1
Number of positions 2
Conductor cross section rigid 0.2 mm² ... 4 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section AWG 24 ... 12
Output
Connection method Screw connection
Stripping length 8 mm
Screw thread M3
Number of connections 1
Number of positions 2
Conductor cross section rigid 0.2 mm² ... 6 mm²
Conductor cross section flexible 0.2 mm² ... 4 mm²
Conductor cross section AWG 24 ... 10
SignalingStatus display present Yes
DimensionsDimensional drawing
Width 22.5 mm
Height 77 mm
Depth 72 mm
Material specificationsColor green (RAL 6021)
Housing i...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UMK-1 OM-R/AMS with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

**GLOBAL OFFICES**

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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