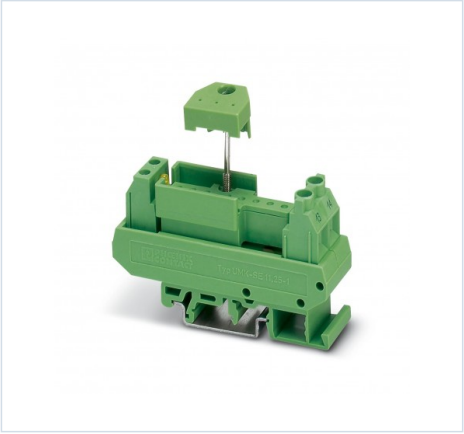
INDUSTRIAL COMPONENT DATA

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.