Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

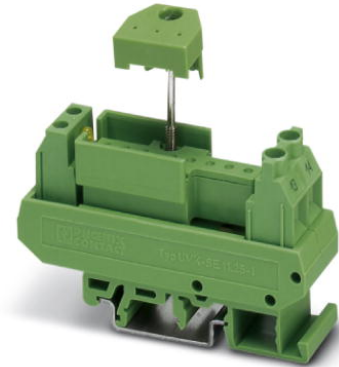## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

UMK- 1 OM-R/AMS

Order No.: 2983002

http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2983002

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

Commercial data	
GTIN (EAN)	4 046356 149501
sales group	G132
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 303 (IF-2009)

Product notes

WEEE/RoHS-compliant since: 03/30/2007

http://www.download.phoenixcontact.com Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data	

Input data

Nominal input voltage U_N	24 V DC
Typical input current at U_N	2 mA (without plug-in module)
Type of protection	Protection against polarity reversal

Protective circuit/component	Polarity protection diode
Status display/channel	Yellow LED

Output data

Contact 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

General data

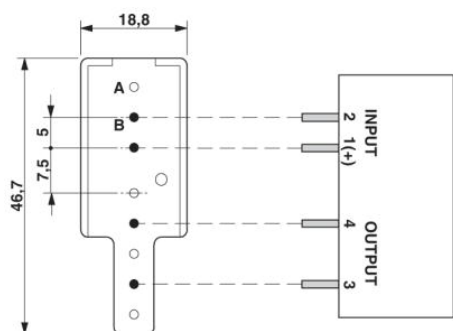| With components	Yes
Width	22.5 mm
Height	77 mm
Depth	72 mm
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Standards/regulations	DIN EN 50178
Operating mode	100% operating factor
Mounting position	Any
Assembly instructions	In rows with zero spacing
Pollution degree	2
Surge voltage category	III
Housing insulation material	PVC, side panel PA non-reinforced,
Color	green

Connection data

Connection 1	Input
Type of connection	Screw connection
Number of positions	2
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

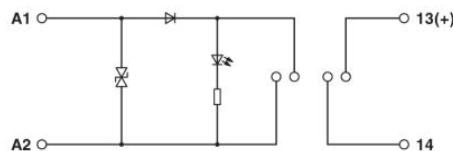| Screw thread	M3
Stripping length	8 mm
Connection 2	Output
Type of connection	Screw connection
Number of positions	2
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	4 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
Screw thread	M3
Stripping length	8 mm

Diagrams/Drawings

Dimensioned drawing

A = without metal
B = with metal

Circuit diagram

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