

# SIM-AMS 1-R - Relay base

2271031

<https://www.phoenixcontact.com/us/products/2271031>

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The figure shows version SIM-AMS 1

Plug-in base for standard I/O modules, with safety catch for securing solid-state relays, with different numbers of contacts, can be labeled with marker pins BN or BNB

## Commercial data

Item number	2271031
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C460
Product key	DK61G5
GTIN	4017918054076
Weight per piece (including packing)	13.4 g
Weight per piece (excluding packing)	13.4 g
Customs tariff number	85369010
Country of origin	PL

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## Technical data

### Product properties

Product type	Relay socket
Number of contacts, type	1

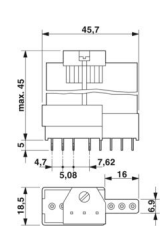
### Electrical properties

Nominal voltage $U_N$	250 V AC
	380 V AC
Nominal current $I_N$	5 A

### Connection data

Connection method	Solder pins
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### Dimensions

Dimensional drawing	
Pin dimensions	1,1 x 0,5 mm
Hole diameter	1.4 mm

### Material specifications

Color	green (RAL 6021)
Insulating material	PA

### Standards and regulations

#### Standards

Standards/regulations	DIN VDE 0110b, Gr. C for 250 V DC
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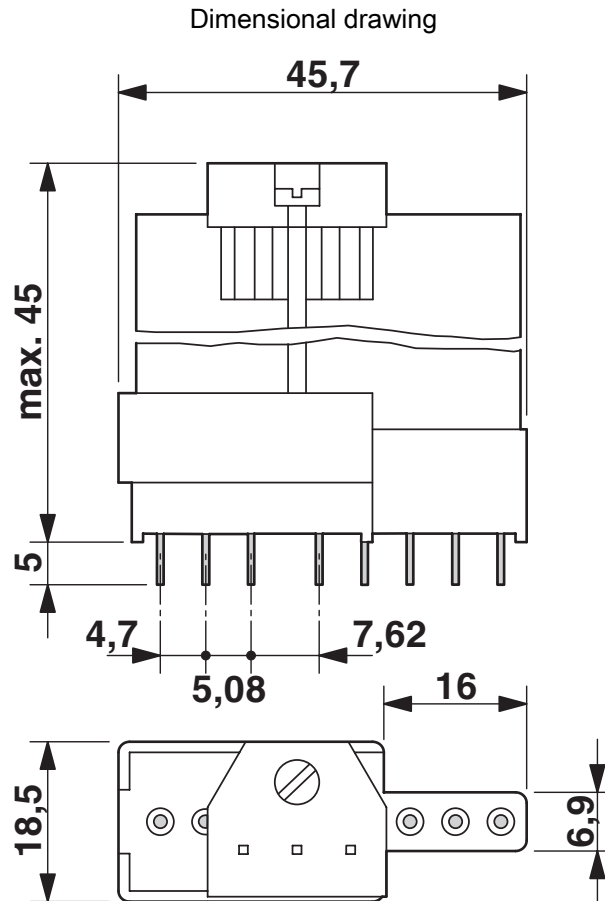
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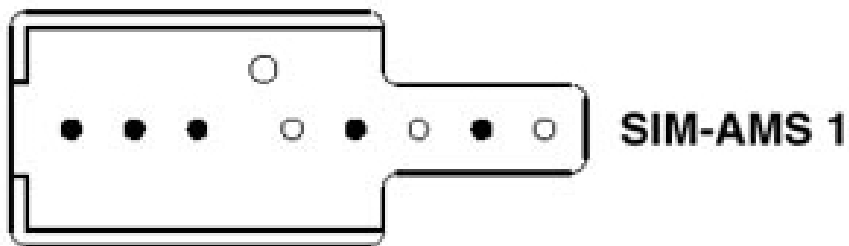
## Drawings



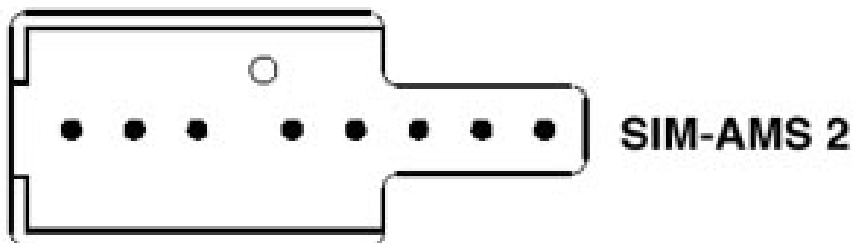
Schematic diagram

## Contacts in the plug-in socket

### 1. Partial mounting for standard I/O modules



### 2. Complete mounting for analog I/O modules, for example



- with metal
- without metal

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## Classifications

### UNSPSC

UNSPSC 21.0	39122335
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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