

# Relay Module - EMG 45-RELS/IR1-G 24 - 2950996

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Relay module, with 1 plug-in base for industrial relays size 1, contact: 4 PDTs, input voltage 24-48 V DC, with light indicator, damping and polarity protection diode

The illustration shows version EMG 45-RELS/IR1, with plug-in socket for industrial relay, size 1



## Key commercial data

package_quantity	5
GTIN	4017918084165

## Technical data

### Dimensions

Width	45 mm
Height	75 mm
Depth	82.5 mm

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

### Input data

Nominal input voltage $U_N$	24 V DC
-----------------------------	---------

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3

### General

# Relay Module - EMG 45-RELS/IR1-G 24 - 2950996

## Technical data

### General

<b>Note</b>	For the protection of relay coils and contacts, inductive loads must be dampened with an efficient protection circuit.
<b>Color</b>	green
<b>Insulating material</b>	PC-F
<b>Standards/regulations</b>	IEC 60664
<b>Standards/regulations</b>	IEC 60664 A
<b>Standards/regulations</b>	DIN VDE 0160 (in relevant parts)
<b>Standards/regulations</b>	DIN VDE 0109-11 (in relevant parts)
<b>Mounting position</b>	Any
<b>Assembly instructions</b>	In rows with zero spacing

### classifications

#### eCl@ss

<b>eCl@ss 4.0</b>	27371102
<b>eCl@ss 4.1</b>	27371102
<b>eCl@ss 5.0</b>	27371001
<b>eCl@ss 5.1</b>	27371001
<b>eCl@ss 6.0</b>	27371001
<b>eCl@ss 7.0</b>	27371001
<b>eCl@ss 8.0</b>	27371001

#### ETIM

<b>ETIM 2.0</b>	EC000196
<b>ETIM 3.0</b>	EC000196
<b>ETIM 4.0</b>	EC000196
<b>ETIM 5.0</b>	EC000196

#### UNSPSC

<b>UNSPSC 6.01</b>	30211916
<b>UNSPSC 7.0901</b>	39121515
<b>UNSPSC 11</b>	39121515
<b>UNSPSC 12.01</b>	39121515
<b>UNSPSC 13.2</b>	39121515

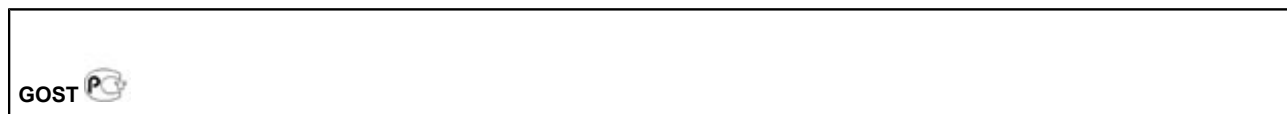
### approvals

GOST /

### Approval details

# Relay Module - EMG 45-RELS/IR1-G 24 - 2950996

approvals



accessories

EMG-GKS 12 - 2947035



## Drawings

Circuit diagram

