

# EMG 45-RELS/IR1-G 24 - Relay base



2950996

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Relay module, with 1 plug-in base for industrial relays size 1, contact: 4 changeover contacts, input voltage 24-48 V DC, with LED display, freewheeling and polarity protection diode

## Commercial data

Item number	2950996
Packing unit	1 pc
Minimum order quantity	5 pc
Sales key	C460
Product key	CK6132
Catalog page	Page 104 (IF-2002)
GTIN	4017918084165
Weight per piece (including packing)	99.44 g
Weight per piece (excluding packing)	99.44 g
Customs tariff number	85364190
Country of origin	DE

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## Technical data

### Notes

General	For the protection of relay coils and contacts, inductive loads must be dampened with an efficient protection circuit.
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### Product properties

Product type	Relay socket
Insulation characteristics	
Overvoltage category	II
Pollution degree	2

### Connection data

#### Input side

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12

#### Output side

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12

### Dimensions

Width	45 mm
Height	75 mm
Depth	82.5 mm

### Environmental and real-life conditions

#### Ambient conditions

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

### Mounting

Mounting type	DIN rail mounting
Assembly instructions	in rows with zero spacing
Mounting position	any

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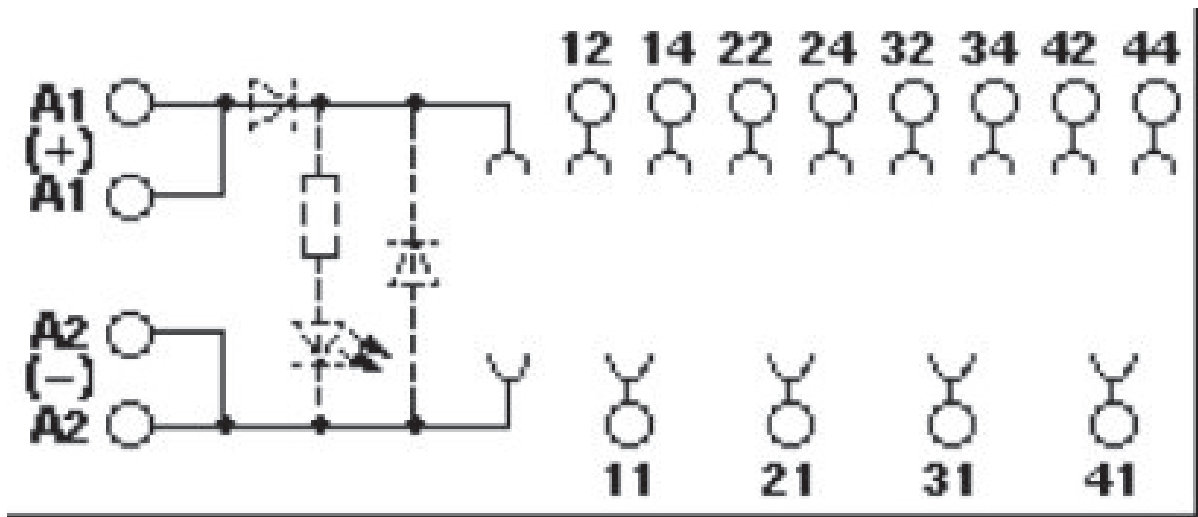
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## Drawings

Circuit diagram



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## Approvals

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**EAC**

Approval ID: RU C-DE.A\*30.B.01082

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## Classifications

### ECLASS

ECLASS-11.0	27371603
ECLASS-12.0	27371603
ECLASS-13.0	27371603

### ETIM

ETIM 8.0	EC001456
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### UNSPSC

UNSPSC 21.0	39122300
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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## Accessories

### EMG-GKS 12 - Marking material

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Device marking label, width: 12 mm, area: 12 x 8 mm, e.g. for EML(10x7) R adhesive marking material

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