

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



2950996

<https://www.phoenixcontact.com/us/products/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	5 pc
Minimum order quantity	1 pc
Sales key	C460
Product key	CK61C3
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

Notes on operation	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
Data management status	
Article revision	08
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 ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
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 ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Dimensions

Width	45 mm
Height	75 mm
Depth	82.5 mm

Material specifications

Color	green (RAL 6021)
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Environmental and real-life conditions

Ambient conditions

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

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Mounting

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

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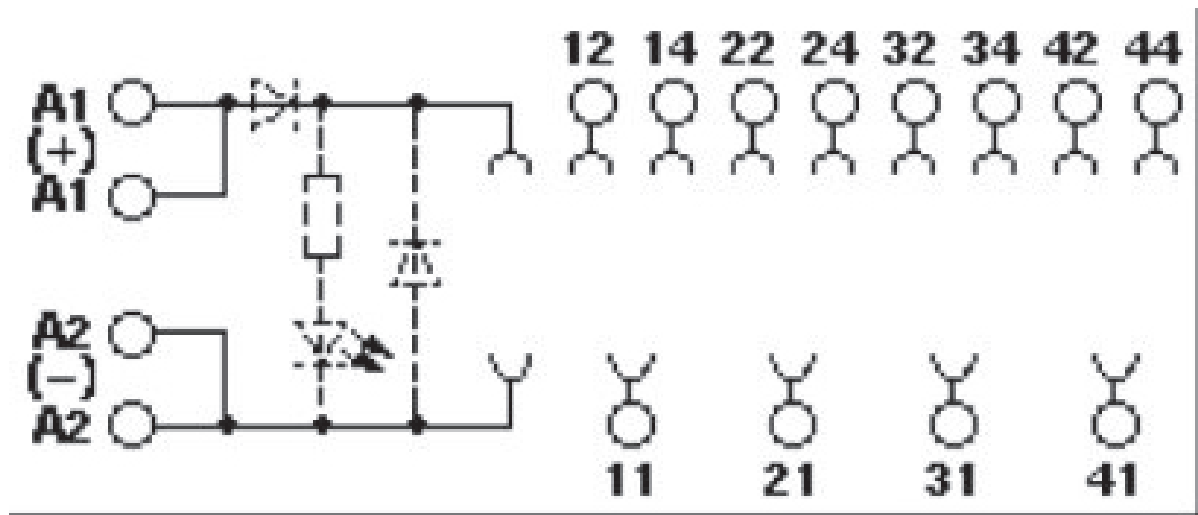
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Drawings

Circuit diagram



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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC001456
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UNSPSC

UNSPSC 21.0	39122300
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(a)
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)
SCIP	a476a008-99e6-483c-9f15-06dff88c9f3c

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