

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://phoenixcontact.com/download>)



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

Packing unit	1 pc
GTIN	 4 017918 084165
Weight per Piece (excluding packing)	104.44 GRM
Custom tariff number	85364190
Country of origin	Germany

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

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

Technical data

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
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

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

Classifications

eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC000196

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

Classifications

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

Approvals

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

Approval details



Accessories

Accessories

Marking material - EMG-GKS 12 - 2947035



Equipment marker, width 12 mm

Drawings

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

Circuit diagram

