

# RIF-0-RPT-M-24DC/21 - Relay Module



2908327

<https://www.phoenixcontact.com/in/products/2908327>

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 documentation. Our General Terms of Use for Downloads are valid.



Pre-assembled relay module with Push-in connection, consisting of: relay base with ejector and power contact relay. Contact type: 1 changeover contact. Input voltage: 24 V DC. Polarity: A1-, A2+

## Product Description

The pluggable electromechanical and solid-state relays in the RIFLINE complete product range and the base are recognized and approved in accordance with UL 508. The relevant approvals can be called up at the individual components in question.

## Commercial Data

Item number	2908327
Packing unit	10 pc
Minimum order quantity	10 pc
Sales Key	CK6
Product Key	CK6528
Catalog Page	Page 318 (C-5-2019)
GTIN	4055626291079
Weight per Piece (including packing)	27.5 g
Weight per Piece (excluding packing)	27.5 g
Customs tariff number	85364110
Country of origin	CZ

## Technical Data

### Product properties

Product type	Relay Module
Product family	RIFLINE complete
Application	Universal
Operating mode	100% operating factor
Mechanical service life	approx. $2 \times 10^7$ cycles

### Insulation characteristics

Insulation	safe isolation
------------	----------------

### Insulation characteristics

Insulation	safe isolation
Overvoltage category	III
Pollution degree	2

### Electrical properties

Service life electrical	see diagram
Maximum power dissipation for nominal condition	0.22 W
Test voltage (Winding/contact)	4 kV <sub>rms</sub> (50 Hz, 1 min., winding/contact)
Rated insulation voltage	250 V AC

### Short-circuit protection device

Current	10 A (RT28-32)
Voltage	500 V (SCPD)
Short-circuit current	1 kA (conditional short-circuit current)

### Input data

#### Coil side

Nominal operating voltage $U_N$	24 V DC
Input voltage range	19.2 V DC ... 36 V DC (20 °C)
Input voltage range in reference to $U_N$	see diagram
Drive and function	monostable
Drive (polarity)	polarized
Typical input current at $U_N$	9 mA
Typical response time	5 ms
Typical release time	8 ms
Coil voltage	24 V DC
Protective circuit	Freewheeling diode
Operating voltage display	Yellow LED

### Output data

#### Switching

# RIF-0-RPT-M-24DC/21 - Relay Module



2908327

<https://www.phoenixcontact.com/in/products/2908327>

Contact type	1 changeover contact
Type of switch contact	Single contact
Contact material	AgSnO
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	5 V (100 mA)
Limiting continuous current	6 A
Min. switching current	10 mA (12 V)
Interrupting rating (ohmic load) max.	140 W (24 V DC) 20 W (48 V DC) 18 W (60 V DC) 23 W (110 V DC) 40 W (220 V DC) 1500 VA (250 V AC)
Utilization category CB Scheme (IEC 60947-5-1)	AC15, 3 A/250 V (N/O contact) AC15, 1 A/250 V (N/C contact) DC13, 1.5 A/24 V (N/O contact) DC13, 0.2 A/110 V (N/O contact) DC13, 0.1 A/220 V (N/O contact)

## Connection data

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section rigid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule with plastic sleeve)
Conductor cross section AWG	24 ... 16

## Dimensions

Width	6.2 mm
Height	92.5 mm
Depth	77.7 mm

## Material specifications

Flammability rating according to UL 94	V2 (Housing)
Housing material	PA

## Environmental and real-life conditions

### Ambient conditions

Degree of protection (Relay base)	IP20 (Relay base)
Degree of protection (Relay)	RT III (Relay)
Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

## Approvals

# RIF-0-RPT-M-24DC/21 - Relay Module



2908327

<https://www.phoenixcontact.com/in/products/2908327>

## UKCA

Certificate	UKCA-compliant
-------------	----------------

## Corrosive gas test

Identification	ISA-S71.04. G3 Harsh Group
	EN 60068-2-60

## Standards and regulations

Standards/regulations	IEC 60947-5-1
-----------------------	---------------

## Mounting

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

Phoenix Contact 2023 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.

A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420

[info@phoenixcontact.co.in](mailto:info@phoenixcontact.co.in)