

INDUSTRIAL COMPONENT DATA

RIF-1-RSC-LDP-12DC/1IC 1078803 PHOENIX CONTACT

Pre-assembled relay module with screw connection, consisting ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: RIF-1-RSC-LDP-12DC/1IC



Manufacturer	PHOENIX CONTACT
MPN / Reference	RIF-1-RSC-LDP-12DC/1IC
Catalog number	1078803
Category	Switching relay
Minimum order	1 Pcs
Document ID	EO-64ED0720F3
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Product Overview

Pre-assembled relay module with screw connection, consisting of: relay base, power contact relay, plug-in display/interference suppression module, and retaining bracket. Contact type: 1 N/O contact, max. switch-on current up to 130 A peak, 80 A (20 ms), 12 V DC input voltage

Pre-assembled relay module with screw connection, consisting of: relay socket, relay with power contact, plug-in indication/antiparasitic module and clamping flange. Contact type: 1 normally open contact, max. input current up to 130 A peak, 80 A (20 ms) input voltage 12 V DC

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > INTERFACE Components (IF)
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Additional Product Information

Key Commercial Data

Orderkey 1078803

Packing unit 1

Catalog page Page 334 (C-5-2019)

GTIN 4055626794761

Custom tariff number 85364190

Drawings

Dimensions

[Coil side](#)

[General](#)

[Connection data 2](#)

[Environmental Product Compliance](#)

[Classifications](#)

[Note](#)

[Ambient conditions](#)

[Contact side](#)

[Connection data](#)

[Standards and Regulations](#)

[Set Items](#)

[Drawings](#)

[Diagram](#)

[Curve A](#)

Maximum permissible continuous voltage U_{max} with limiting continuous current on the contact side (see relevant technical data)

[Curve B](#)

Minimum permissible operate voltage U_{op} after pre-excitation (see relevant technical data)

[Diagram](#)

[Contact derating](#)

[Circuit diagram](#)

[Back to top](#)[Note](#)

Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

Type of note [Notes on operation](#)

Note FBS 2-6... plug-in bridge for the input side (A2) and FBS-2-8... plug-in bridge for the output side (11/21)

[Back to top](#)[Dimensions](#)

Width 16 mm

Height 89 mm

Depth 75 mm

[Back to top](#)[Ambient conditions](#)

Ambient temperature (operation) -40 °C ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Maximum altitude ≤ 2000 m

Degree of protection RT II (Relay)

IP20 (Relay base)

$\geq$ IP54 (Installation location)

[Back to top](#)[Coil side](#)

Nominal input voltage UN 12 V DC

Input voltage range in reference to UN see diagram

Typical input current at UN 34 mA

Typical response time 8 ms

Typical release time 10 ms

Coil voltage 12 V DC

Protective circuit Free-wheeling diode Damping diode

Operating voltage display Yellow LED

Power dissipa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RIF-1-RSC-LDP-12DC/1IC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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