

## INDUSTRIAL COMPONENT DATA

# EMG 10-REL/KSR-230/ 1-LC 2964403 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 10-REL/KSR-230/ 1-LC



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | EMG 10-REL/KSR-230/ 1-LC |
| Catalog number  | 2964403                  |
| Category        | Switching relay          |
| Minimum order   | 10 Pcs                   |
| Document ID     | EO-8D0C218721            |
| Generated       | 2026-08-01               |

## Product Overview

Relay Module

Relay module, with soldered mini-switching relay, contacts (AgNi): Medium to large powers, 1 open contact, input voltage 230 V AC/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 > Industrial Relays

## Additional Product Information

Technical dataNotesUtilization restriction

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

Product propertiesProduct type Relay Module

Product family EMG

Application Universal

Operating mode 100% operating factor

Mechanical service life approx. 2x 10<sup>7</sup>cycles

Data management status

Date of last data management 02.05.2024

Article revision 10

Insulation characteristics

Insulation Basic insulation

Overvoltage category III

Pollution degree 2

Electrical properties Maximum power dissipation for nominal condition 1.1 W

Test voltage (Winding/contact) 4 kV AC (50 Hz, 1 min., winding/contact)

Rated insulation voltage 260 V AC

Rated surge voltage 4 kV

Input data Coil side

Nominal input voltage UN 230 V AC/DC

Input voltage range 184 V AC/DC ... 253 V AC/DC (20 °C)

Drive and function monostable

Drive (polarity) polarized

Typical input current at UN 4.8 mA

Typical response time 7 ms

Typical release time 11 ms

Protective circuit Bridge rectifier; Bridge rectifier

Surge protection; Varistor

Operating voltage display Yellow LED

Output data Switching

Contact switching type 1 N/O contact

Type of switch contact Single contact

Contact material AgNi

Maximum switching voltage 250 V AC/DC

Minimum switching voltage 12 V

Limiting continuous current 6 A

Maximum inrush current 8 A

Min. switching current 100 mA

Interrupting rating (ohmic load) max. 140 W (at 24 V DC)

60 W (at 48 V DC)

45 W (at 60 V DC)

35 W (at 110 V DC)

55 W (at 220 V DC)

1500 VA (for 250 V AC)

Connection....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 10-REL/KSR-230/ 1-LC with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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