

INDUSTRIAL COMPONENT DATA

EMG 22-REL/KSR-230/21/AU 2949295 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 22-REL/KSR-230/21/AU



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 22-REL/KSR-230/21/AU
Catalog number	2949295
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-076DCD6CFE
Generated	2026-08-04

Product Overview

Relay Module

Relay module, with soldered mini-switching relay, contact (AgNi+Au): Small to large powers, 1 switched contacts, input voltage 230 V AC/DC

Relay module, with soldered-in miniature switching relay, contact (AgNi+Au): small to large loads, 1 changeover 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
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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. 5x 10⁷cycles

Data management status

Date of last data management 02.05.2024

Article revision 09

Insulation characteristics

Insulation Basic insulation

Safe isolation, reinforced insulation, and 6 kV between input circuit and output contact current paths

Overvoltage category III

Pollution degree 2

Electrical properties Maximum power dissipation for nominal condition 1.15 W

Test voltage (Winding/contact) 5 kVrms(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 207 V AC/DC ... 243.8 V AC/DC (20 °C)

Drive and function monostable

Drive (polarity) polarized

Typical input current at UN 5 mA

Typical response time 8 ms

Typical release time 10 ms

Protective circuit Bridge rectifier; Bridge rectifier

Varistor; Varistor

Operating voltage display Yellow LED

Output data Switching

Contact switching type 1 changeover contact

Type of switch contact Single contact

Contact material AgNi, hard gold-plated

Maximum switching voltage 30 V AC

36 V DC

Limiting continuous current 50 mA

Maximum inrush current 50 mA

Interrupting rating (ohmic load) max. 1.2 W (at 24 V DC)

Switching: when the gold layer is destroy...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 22-REL/KSR-230/21/AU with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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