Extract from the online catalog

EMG 22-REL/KSR-120/21

Order No.: 2953964

The illustration shows version EMG 22-REL/KSR- 24/21, with soldered-in miniature switching relay



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2953964

Relay module, with soldered-in miniature switching relay, contact (AgNi): Medium to large loads, 1 PDT, input voltage 120 V AC/DC

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Product notes

WEEE/RoHS-compliant since: 11/16/2007

http://www.download.phoenixcontact.com
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Commercial data

GTIN (EAN)	4 017918 084691
Note	Made-to-order
sales group	G031
Pack	10 pcs.
Customs tariff	85364900
Catalog page information	Page 125 (IF-2009)

Technical data

Coil side

Nominal input voltage U_N	120 V AC/DC
Input voltage range in reference to U_N	0.85 ... 1.06
Nominal input current at U_{IN}	4 mA
Typical response time	8 ms

Typical release time	10 ms
Operating voltage display	Yellow LED
Type of protection	Bridge rectifier
Protective circuit/component	Bridge rectifier

Contact side

Contact type	Single contact, 1-PDT
Contact material	AgNi
Maximum switching voltage	250 V AC/DC
Maximum inrush current	8 A
Limiting continuous current	6 A
Interrupting rating (ohmic load) max.	144 W (at 24 V DC)
	58 W (for 48 V DC)
	48 W (for 60 V DC)
	50 W (for 110 V DC)
	80 W (for 220 V DC)
	1500 VA (for 250 V AC)

General data

Width	22.5 mm
Height	75 mm
Depth	62.5 mm
Test voltage relay winding/relay contact	5 kV_{rms} (50 Hz, 1 min.)
Test voltage relay contact/relay contact	1 kV AC (50 Hz, 1 min.)
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Operating mode	100% operating factor
Mechanical service life	Approx. 5 x 10^7 cycles
Standards/regulations	EN 50178
Rated surge voltage / insulation	4 kV / Basic isolation, (safe isolation, reinforced insulation and 6 kV between input circuit and output contact current paths.)
Rated insulation voltage	260 V AC
Pollution degree	2
Surge voltage category	III
Mounting position	Any
Assembly instructions	In rows with zero spacing

Connection data

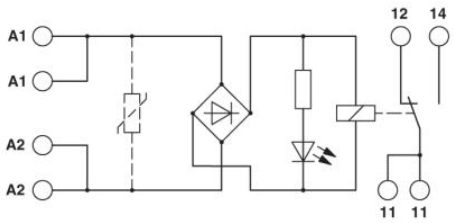
Type of connection	Screw connection
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	8 mm
Screw thread	M3

Certificates / Approvals

Certification GOST

Diagrams/Drawings

Circuit diagram



Address

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstr. 8
32825 Blomberg,Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
http://www.phoenixcontact.de

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