

## EMG 22-REL/KSR- 24/21

Order No.: 2951885



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Relay module, with soldered-in miniature switching relay, contact (AgNi): Medium to large loads, 1 PDT, input voltage 24 V AC/DC



### Commercial data

EAN	4017918084295
Pack	10 pcs.
Customs tariff	85364190
Weight/Piece	0.06888 KG
Catalog page information	Page 125 (IF-2009)

### Product notes

WEEE/RoHS-compliant since:  
06/08/2006



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### Technical data

#### Coil side

Nominal input voltage $U_N$	24 V AC/DC
Input voltage range in reference to $U_N$	0.9 ... 1.1
Nominal input current at $U_{IN}$	18 mA
Typical response time	8 ms

Typical release time	10 ms
Operating voltage display	Yellow LED
Name 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.	140 W (for 24 V DC)
	60 W (for 48 V DC)
	50 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	62.5 mm
Depth	75 mm
Test voltage relay winding/relay contact	4 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
Service life mechanical	Approx. $5 \times 10^7$ cycles
Standards/regulations	IEC 60664
	IEC 60664 A
	DIN VDE 0110
	DIN EN 50178/DIN VDE 0160 (in relevant parts)
	Basic insulation
Pollution degree	2
Surge voltage category	III
Mounting position	Any

### Connection data

Type of connection	Screw connection
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	8 mm
Screw thread	M3

### Certificates / Approvals

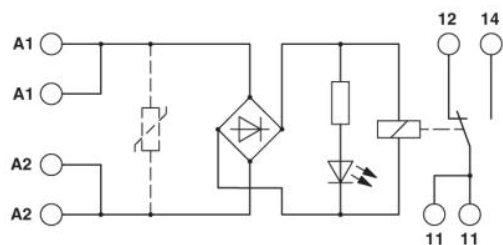


Certification

GOST

### Diagrams/Drawings

Circuit diagram



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