

Multiple relay module - EMUG 22- 4REL/KSR-G 24/ 1AU - 2942399


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Relay module, multi-channel, with 4 soldered-in miniature switching relays for DC voltage with light indicator and 1 N/O contact each, contact for small to large loads, input voltage 24 V DC

RoHS

Key Commercial Data

Packing unit	5 pc
GTIN	 4 017918 080716
GTIN	4017918080716

Technical data

Note

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

Width	22.5 mm
Height	60 mm
Depth	79 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 55 °C
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Coil side

Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	0.8 ... 1.1
Typical input current at U_N	12 mA
Typical response time	7 ms
Typical release time	8 ms
Protective circuit	Damping diode, polarity protection Damping diode, polarity protection diode, bridge rectifier at AC input
Operating voltage display	yes

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Coil side

Power dissipation for nominal condition	0.29 W
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Contact side

Contact type	Single contact, 1 N/O contact
Type of switch contact	Single contact
Contact material	Fine grained silver (AgNi 0,15), 5 µm hard gold-plated
Maximum switching voltage	60 V AC/DC
Maximum inrush current	0.2 A
Limiting continuous current	2 A
Interrupting rating (ohmic load) max.	5 W (at 24 V DC)
	10 W (at 48 V DC)
	12 W (at 60 V DC)
	12 VA (for 60 V AC)

General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	approx. 2x 10 ⁷ cycles
Mounting position	any
Assembly instructions	In rows with zero spacing

Standards and Regulations

Standards/regulations	IEC 60664
	IEC 60664A
	DIN VDE 0110
	DIN VDE 0109-11, draft
	IEC 60255/DIN VDE 0435 (in relevant parts)
Degree of pollution	2
Overvoltage category	III

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals

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EAC

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Approvals

Ex Approvals

Approval details

EAC



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