

Relay Module - DEK-REL-G24/21 - 2964500

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Relay terminal block, with soldered-in miniature power relay, contacts (AgSnO): medium to large loads, 1 PDT, input voltage 24 V DC, for assembly on NS 35/7.5, terminal width 6.2 mm

Why buy this product

- ✓ Less wiring effort, thanks to the use of EB-DIK insertion bridges
- ✓ Just 6.2 mm wide
- ✓ Cadmium-free relay contacts
- ✓ Less storage, since PDT, N/O or N/C contacts can be wired
- ✓ High switching power of 250 V AC/6 A
- ✓ Safe isolation according to DIN EN 50178 (VDE 0160)
- ✓ Relay housing with IP67 protection
- ✓ LED for indicating the switching state
- ✓ 4 kV electrical isolation between input and output



Key Commercial Data

Packing unit	10 STK
GTIN	 4 017918 117733
GTIN	4017918117733
Weight per Piece (excluding packing)	24.100 g
Custom tariff number	85364190
Country of origin	China

Technical data

Note

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

Width	6.2 mm
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Technical data

Dimensions

Height	80 mm
Depth	56 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

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	9 mA
Typical response time	8 ms
Typical release time	5 ms
Protective circuit	Reverse polarity protection Polarity protection diode
	Free-wheeling diode Damping diode
Operating voltage display	Yellow LED
Power dissipation for nominal condition	0.22 W

Contact side

Contact type	1 PDT
Type of switch contact	Single contact
Contact material	AgSnO
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	12 V AC/DC
Min. switching current	10 mA
Maximum inrush current	6 A
Limiting continuous current	6 A
Interrupting rating (ohmic load) max.	140 W (at 24 V DC)
	20 W (at 48 V DC)
	18 W (at 60 V DC)
	23 W (at 110 V DC)
	40 W (at 220 V DC)
	1500 VA (for 250 V AC)

General

Test voltage relay winding/relay contact	4 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	Approx. 10^7 cycles
Mounting position	any
Assembly instructions	In rows with zero spacing

Connection data input side

Connection name	Coil side
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