2964131

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Relay terminal block, with soldered-in miniature relays, contact (AgNi+Au): small to medium loads, 1 N/O contact, input voltage 24 V AC/DC, with integrated "manual", "0", "automatic" switch, for assembly on NS 35/7.5, terminal width 6.2 mm

Your advantages

- Just 6.2 mm wide
- Safe isolation between coil and contact side
- · Increased contact reliability thanks to double contact
- Max. switching current of 5 A

Commercial data

Item number	2964131
Packing unit	10 рс
Minimum order quantity	10 pc
Sales key	C460
Product key	CK6153
Catalog page	Page 445 (C-5-2019)
GTIN	4017918101015
Weight per piece (including packing)	23.15 g
Weight per piece (excluding packing)	20 g
Customs tariff number	85364190
Country of origin	CN

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Technical data

General	Use of EB 80-DIK bridges in the DEK terminal blocks:
	Absorption of humidity from the ambient air as well as an unfavorable tolerance between a larger number of DEK terminal blocks and the EB 80-DIK bridge may cause (minor) expansion of the DEK housing. When the EB 80-DIK bridges are used,
	therefore, it is recommended that these be disconnected after about 10 to 12 DEK terminal blocks and a wire bridge to the next DEK terminal block be inserted in their place.
roduct properties	
Product type	Relay Module
Product family	DEK
Application	Palm switch
Operating mode	100% operating factor
Mechanical service life	approx. 2x 10 ⁷ cycles
Insulation characteristics	
Insulation	Basic insulation
Insulation characteristics	
Insulation	Basic insulation
Overvoltage category	Ш
Pollution degree	2
lectrical properties	
Maximum power dissipation for nominal condition	0.16 W

Maximum power dissipation for nominal condition	0.10 W
Test voltage (Winding/contact)	2 kV AC (50 Hz, 1 min., winding/contact)

Input data

Coil side	
Nominal input voltage U _N	24 V AC/DC
Input voltage range	19.2 V AC/DC 26.4 V AC/DC (20 °C)
Drive and function	monostable
Drive (polarity)	polarized
Typical input current at U _N	6.5 mA
Typical response time	5 ms
Typical release time	15 ms
Protective circuit	Bridge rectifier; Bridge rectifier
Operating voltage display	Yellow LED

Output data

Switching
Contact switching type

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Type of switch contact	Double contact
Contact material	AgNi, hard gold-plated
Maximum switching voltage	250 V AC
	125 V DC
Minimum switching voltage	0.1 V
Limiting continuous current	3 A (5 A up to 35°C at 24 V DC)
Maximum inrush current	5 A
Min. switching current	1 mA
Interrupting rating (ohmic load) max.	72 W (at 24 V DC)
	60 W (at 48 V DC)
	50 W (at 60 V DC)
	50 W (at 110 V DC)
	750 VA (for 250□V□AC)
	120 W (at 24 V DC - up to 35°)

Connection data

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section rigid	0.2 mm ² 2.5 mm ²
Conductor cross section flexible	0.2 mm ² 2.5 mm ²
Conductor cross section AWG	24 14
Tightening torque	0.5 Nm

Dimensions

Width	6.2 mm
Height	80 mm
Depth	61 mm

Material specifications

Color	green (RAL 6021)
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Environmental and real-life conditions

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

Standards and regulations

Mounting position

	Standards/regulations	IEC 60947-5-1
Мо	ounting	
	Mounting type	DIN rail mounting
	Assembly instructions	in rows with zero spacing

any

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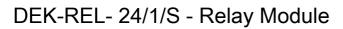
Classifications

ECLASS

ECLASS-12.0 27371601 ECLASS-13.0 27371601	ECLASS-11.0	27371601
ECLASS-13.0 27371601	ECLASS-12.0	27371601
	ECLASS-13.0	27371601

ETIM

	ETIM 9.0	EC001437	
UNSPSC			
	UNSPSC 21.0	39122300	



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Environmental product compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com