

Relay connectors - ST-REL3-KG 24/21/SO46 - 2826091

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Plug-in relay interface for protection against interference on the control side, with soldered-in miniature switching relay, contacts (AgNi): Medium to large loads, 1 PDT, 24 V AC/DC input voltage

Why buy this product

- Use of AC output cards, resulting in residual AC currents
- Resistant to interference currents
- Applications with long control lines
- High relay release voltage



Key Commercial Data

Packing unit	10 STK
GTIN	 4 017918 077839
GTIN	4017918077839

Technical data

Dimensions

Width	20.8 mm
Height	42.5 mm
Depth	112 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 AC
Input voltage range in reference to U_N	0.9 ... 1.1
Typical input current at U_N	26 mA
Typical response time	8 ms

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Technical data

Coil side

Typical release time	10 ms
Protective circuit	Bridge rectifier Bridge rectifier
	Surge protection Varistor
	RC element RC element
Operating voltage display	Yellow LED
Power dissipation for nominal condition	0.62 W

Contact side

Contact type	Single contact, 1-PDT
Type of switch contact	Single contact
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 (at 24 V DC)
	60 W (at 48 V DC)
	45 W (at 60 V DC)
	35 W (at 110 V DC)
	55 W (at 220 V DC)
	1500 VA (for 250 V AC)

General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Mechanical service life	approx. 2×10^7 cycles
Mounting position	any

Standards and Regulations

Standards/regulations	IEC 60664
	EN 50178
Insulation	Basic insulation
Degree of pollution	2
Overvoltage category	III

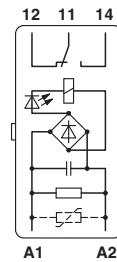
Environmental Product Compliance

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"

Drawings

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Circuit diagram



Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC



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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>