

# ST-REL4-KG 24/S/1 - Relay connectors



2826693

<https://www.phoenixcontact.com/us/products/2826693>

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Relay connector, fitted with miniature switching relay and integrated manual switch, contacts (AgNi): Medium to large loads, 1 N/O contact, 24 V AC/DC input voltage, with light indicator, can be plugged into basic terminal blocks

## Commercial data

Item number	2826693
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C460
Product key	DK6182
GTIN	4017918078010
Weight per piece (including packing)	56.37 g
Weight per piece (excluding packing)	56 g
Customs tariff number	85364190
Country of origin	DE

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## Technical data

### Product properties

Product type	Relay Module
Mechanical service life	> 10 <sup>7</sup> cycles

### Insulation characteristics

Overvoltage category	II
Pollution degree	2

### Data management status

Date of last data management	12.09.2025
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### Electrical properties

Maximum power dissipation for nominal condition	0.48 W
Test voltage (Winding/contact)	2.5 kV AC (50 Hz, 1 min., winding/contact)

### Input data

#### Coil side

Nominal input voltage U <sub>N</sub>	24 V AC/DC
Input voltage range	19.2 V AC/DC ... 26.4 V AC/DC
Input voltage range in reference to U <sub>N</sub>	0.8 ... 1.1
Drive and function	monostable
Typical input current at U <sub>N</sub>	20 mA
Typical response time	4 ms ... 10 ms
Typical release time range	4 ms ... 10 ms
Protective circuit	Bridge rectifier; Bridge rectifier Varistor; Varistor
Operating voltage display	Yellow LED
Coil resistance	1200 Ω ±15 %

### Output data

#### Switching

Contact switching type	Single contact, 1 N/O contact
Type of switch contact	Single contact
Contact material	AgNi
Maximum switching voltage	220 V AC
Limiting continuous current	3 A
Maximum inrush current	15 A
Interrupting rating (ohmic load) max.	750 VA

### Connection data

Connection method	Plug-in connection
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## Material specifications

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

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
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## Standards and regulations

Standards/regulations	VDE 0110
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## Mounting

Mounting type	Plug-in mounting
Mounting position	any

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)