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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Relay connectors - ST-REL3-KG 24/21/AU/SO46 - 2826981

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Pluggable relay interfaces against interference on the control side, with soldered-in miniature switching relays, contacts (Au): small loads, 1 PDT, input voltage 24 V AC/DC

The illustration shows version ST-REL 3-KG 24/21/SO 46

### Product Features

- 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	1 pc
Weight per Piece (excluding packing)	44.0 GRM
Custom tariff number	85364190
Country of origin	Germany

### 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
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### Technical data

#### Coil side

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 (with DC)
Typical release time	10 ms (with DC)
Operating voltage display	Yellow LED
Protective circuit	Bridge rectifier Bridge rectifier
	Surge protection Varistor
	RC element RC element

#### Contact side

Contact type	Double contact, 1 PDT
Contact material	Au
Maximum switching voltage	30 V AC
	36 V DC
Maximum inrush current	0.2 A
Limiting continuous current	0.5 A
Interrupting rating (ohmic load) max.	5 W

#### General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Mechanical service life	Approx. $2 \times 10^7$ cycles
Standards/regulations	IEC 60664
	EN 50178
	IEC 62103
Rated surge voltage / insulation	Basic insulation
Pollution degree	2
Surge voltage category	III
Mounting position	any

### Classifications

#### eCl@ss

eCl@ss 4.0	27371104
eCl@ss 4.1	27371104
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001

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## Classifications

eCl@ss

eCl@ss 8.0	27371001
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## ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC000196

## UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

## Approvals

Approvals

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Approvals

GOST / GOST

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Ex Approvals


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Approvals submitted

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## Approval details

GOST 
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### Drawings

Circuit diagram

