

## Functional block - ST-REL3-KG 24/ 1/SO38 - 2829564

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Relay connector for high inrush currents, contacts (AgCdO+capacitive W): medium to large loads, 1 N/O contact, input voltage 24 V DC, max. inrush current 10 A

### Product Features

- ✓ Can be snapped onto standard EN DIN rails
- ✓ Clear terminal marking using Phoenix Contact labeling material
- ✓ Modular DIN-rail mountable EMG housing with 17.5 mm design width
- ✓ User-friendly plug-in housing
- ✓ Easy maintenance



### Key commercial data

Packing unit	1 pc
GTIN	 4 017918 078515
Weight per Piece (excluding packing)	43.79 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
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### Technical data

#### Ambient conditions

Ambient temperature (storage/transport)	-20 °C ... 70 °C
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#### Coil side

Nominal input voltage $U_N$	24 V DC
Input voltage range in reference to $U_N$	0.85 ... 1.1
Typical input current at $U_N$	28 mA
Typical response time	13 ms
Typical release time	15 ms
Operating voltage display	Yellow LED
Protective circuit	Free-wheeling diode Damping diode

#### Contact side

Contact type	1 N/O contact with lead contact
Contact material	AgCdO
Maximum switching voltage	250 V AC
Maximum inrush current	80 A (20 ms)
Limiting continuous current	10 A
Interrupting rating (ohmic load) max.	2500 VA (for 250 V AC)

#### General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Mechanical service life	Approx. $10^7$ cycles
Standards/regulations	IEC 60664
	EN 50178
	IEC 62103
Rated surge voltage / insulation	Basic insulation
Pollution degree	2
Surge voltage category	III
Assembly instructions	Horizontal with zero spacing, vertical with spacing

#### Connection data

Connection method	Screw connection
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### Classifications

#### eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371001

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### Classifications

#### eCl@ss

eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

#### 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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### Approvals



### Drawings

Circuit diagram

