

## Safety relays - REL-SR- 24DC/2X21 - 2961574

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Safety relay with force-guided contacts in accordance with EN 50205, contact type 2 changeover contacts, connection suitable for PCB mounting. The requirements for type A in accordance with EN 50205 are satisfied if the circuit is designed as 1 N/O contact / 1 N/C contact.

### Your advantages

- ✓ Like all PSR safety relays, equipped with forcibly guided contacts according to EN 50205
- ✓ Single-channel control

**RoHS**

### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	 4 017918 996796
GTIN	4017918996796
Weight per Piece (excluding packing)	23.370 g
Custom tariff number	85364190
Country of origin	Czech Republic

### Technical data

#### Dimensions

Width	12.6 mm
Height	29 mm
Depth	25.5 mm

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C

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## Technical data

### Ambient conditions

Degree of protection	IP20
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### General

Relay type	Electromechanical relay with force-guided contacts in accordance with IEC/EN 61810-3
Mechanical service life	approx. 10 <sup>7</sup> cycles

### Standards and Regulations

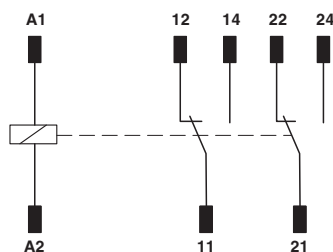
Designation	Air clearances and creepage distances between the power circuits
Standards/regulations	DIN EN 50178
	IEC 60664-1
Rated insulation voltage	250 V AC
Rated surge voltage	6 kV
Insulation	Safe isolation, reinforced insulation
Degree of pollution	2
Overvoltage category	III

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Block diagram



## Classifications

### eCl@ss

eCl@ss 10.0.1	27371601
eCl@ss 11.0	27371601
eCl@ss 4.0	27371100
eCl@ss 4.1	27371100
eCl@ss 5.0	27371600

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### Classifications

#### eCl@ss

eCl@ss 5.1	27371600
eCl@ss 6.0	27371600
eCl@ss 7.0	27371601
eCl@ss 9.0	27371601

#### ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC001449
ETIM 4.0	EC001449
ETIM 6.0	EC001437
ETIM 7.0	EC001437

#### UNSPSC

UNSPSC 6.01	30211901
UNSPSC 7.0901	39121501
UNSPSC 11	39121501
UNSPSC 12.01	39121501
UNSPSC 13.2	39122334
UNSPSC 18.0	39122334
UNSPSC 19.0	39122334
UNSPSC 20.0	39122334
UNSPSC 21.0	39122334

### Approvals

#### Approvals

Approvals

EAC

Ex Approvals

#### Approval details

EAC



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