

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

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Safety relay with forcibly guided contacts in acc. with DIN EN 50205, contact type 2 PDTs. The requirements for type A in accordance with EN 50205 are fulfilled when the wiring topology is 1 NO / 1 NC.

Why buy this product

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

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	10 STK
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

Input data

Rated control circuit supply voltage U_s	24 V DC -15 % / +10 %
Rated control supply current I_s	typ. 29 mA
Typical response time	10 ms
Typical release time	4 ms

Output data

Contact type	2 PDT
Contact material	AgNi
Minimum switching voltage	15 V
Maximum switching voltage	250 V AC/DC
Limiting continuous current	6 A (N/O contact)
	6 A (N/C contact)
Inrush current, minimum	10 mA
Maximum inrush current	6 A
Interrupting rating (ohmic load) max.	144 W (24 V DC, $\tau = 0$ ms)
	288 W (48 V DC, $\tau = 0$ ms)
	88 W (110 V DC, $\tau = 0$ ms)
	110 W (220 V DC, $\tau = 0$ ms)
	1500 VA (250 V AC, $\tau = 0$ ms)
Switching capacity min.	0.24 W

General

Relay type	Electromechanical relay with forcibly guided contacts in accordance with EN 50205
Mechanical service life	Approx. 10^7 cycles
Nominal operating mode	100% operating factor
Net weight	16.995 g
Degree of protection	IP20

Connection data

Connection method	pluggable
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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

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Technical data

Standards and Regulations

Overvoltage category	III
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Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B.01082
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