

## Relay connectors - ST-REL3-HG 24/21 - 2821012

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Relay connector, equipped with Hengstler miniature round relay, contacts (AgSnO<sub>2</sub>+Au): small to large loads, 1 PDT, input voltage 24 V DC, with light indicator, can be plugged on basic termination blocks

### Key Commercial Data

Packing unit	10 pc
GTIN	
GTIN	4017918076931

### Technical data

#### Dimensions

Width	20.8 mm
Height	33 mm
Depth	66.5 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

#### Coil side

Nominal input voltage U <sub>N</sub>	24 V DC
Input voltage range in reference to U <sub>N</sub>	0.8 ... 1.1
Typical input current at U <sub>N</sub>	21 mA
Typical response time	15 ms
Typical release time	25 ms
Protective circuit	Damping diode, polarity protection Damping diode, polarity protection diode
Operating voltage display	yes
Power dissipation for nominal condition	0.5 W

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## Technical data

### Contact side

Contact type	Single contact, 1-PDT
Type of switch contact	Single contact
Contact material	AgCdO, hard gold-plated
Maximum switching voltage	250 V AC/DC
Maximum inrush current	6 A
Limiting continuous current	6 A
Interrupting rating (ohmic load) max.	120 W (at 24 V DC)
	180 W (at 48 V DC)
	105 W (at 60 V DC)
	60 W (at 110 V DC)
	90 W (at 220 V DC)
	1500 VA (for 250 V AC)

### General

Test voltage relay winding/relay contact	2 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	approx. 10 <sup>7</sup> cycles

### Standards and Regulations

Standards/regulations	DIN VDE 0110b, Gr. C for 250 V DC
	DIN VDE 0160 (in relevant parts)

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Approvals

### Approvals

Approvals

EAC

Ex Approvals

### Approval details

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### Approvals

EAC



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