

## Relay connectors - ST-REL4-HG 24/ 1- 1 - 2851011

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Relay connector, equipped with Hengstler miniature round relay, contacts (AgCdO+Au): small to large loads, 2 N/O contacts, input voltage 24 V DC, with light indicator, can be plugged on basic termination blocks

The figure shows version ST-REL  
4-HW 24/1-1

**RoHS**

### Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 078584
GTIN	4017918078584

### Technical data

#### Dimensions

Width	27 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 $U_N$	24 V DC
Input voltage range in reference to $U_N$	0.8 ... 1.1
Typical input current at $U_N$	21 mA
Typical response time	15 ms (with DC)
Typical release time	25 ms (with DC)
Protective circuit	Damping diode, polarity protection Damping diode, polarity protection diode
Operating voltage display	yes

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#### Coil side

Power dissipation for nominal condition	0.5 W
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#### Contact side

Contact type	Single contact, 2 N/O contact
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)
	1250 VA (for 250 V AC)

#### General

Test voltage relay winding/relay contact	2 kV AC (50 Hz, 1 min.)
Test voltage N/O contact/N/O contact	2.5 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	approx. $10^7$ cycles

#### Standards and Regulations

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

#### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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