

## Relay connectors - ST-REL4-HW 24/21-21 - 2823447

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

The figure shows version ST-REL  
4-HG 24/21-21

**RoHS**

### Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 077419
GTIN	4017918077419

### 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 AC
Input voltage range in reference to $U_N$	0.8 ... 1.1
Typical input current at $U_N$	75 mA
Typical response time	4 ms ... 15 ms (with AC)
Typical release time range	4 ms ... 15 ms (with AC)
Protective circuit	Damping diode, polarity protection Damping diode, polarity protection diode
Operating voltage display	yes

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### Technical data

#### Contact side

Contact type	Single contact, 2-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)
	1250 VA (for 250 V AC)

#### General

Test voltage relay winding/relay contact	2 kV AC (50 Hz, 1 min.)
Test voltage PDT/PDT	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)

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