

## Relay connectors - ST-REL7-HG220/4X21 - 2892465

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Relay connector, equipped with Hengstler miniature round relay, contacts (AgSnO<sub>2</sub>+Au): small to large loads, 4 PDT, input voltage 220 V DC, with light indicator, can be plugged on basic termination blocks

The figure shows version ST-REL 7-HG 24/4X21



### Key Commercial Data

Packing unit	5 pc
GTIN	 4 017918 078713
GTIN	4017918078713

### Technical data

#### Dimensions

Width	45.6 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>	220 V DC
Input voltage range in reference to U <sub>N</sub>	0.8 ... 1.1
Typical input current at U <sub>N</sub>	6 mA
Typical response time	15 ms (with DC)
Typical release time	15 ms (with DC)
Protective circuit	Damping diode, polarity protection Damping diode, polarity protection diode
Operating voltage display	yes

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## Technical data

### Coil side

Power dissipation for nominal condition	1.32 W
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### Contact side

Contact type	Single contact, 4-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 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	IEC 60664
	IEC 60664A
	DIN VDE 0110
	DIN VDE 0109-11, draft
	DIN VDE 0160 (in relevant parts)
Degree of pollution	2
Overvoltage category	II

### Environmental Product Compliance

	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

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#### Approvals

EAC

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### Approvals

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Ex Approvals

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### Approval details

EAC



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DE.A\*30.B.01082

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