

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

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

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

## Key commercial data

package_quantity	5
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 $U_N$	220 V DC
Input voltage range in reference to $U_N$	0.8 ... 1.1
Typical input current at $U_N$	6 mA
Typical response time	15 ms (with DC)
Typical release time	15 ms (with DC)
Operating voltage display	Yes
Protective circuit	Damping diode, polarity protection Damping diode, polarity protection diode

### Contact side

Contact type	Single contact, 4-PDT
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)

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## Technical data

### Contact side

Interrupting rating (ohmic load) max.	180 W (at 48 V DC)
Interrupting rating (ohmic load) max.	105 W (at 60 V DC)
Interrupting rating (ohmic load) max.	60 W (at 110 V DC)
Interrupting rating (ohmic load) max.	90 W (at 220 V DC)
Interrupting rating (ohmic load) max.	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/regulations	IEC 60664
Standards/regulations	IEC 60664 A
Standards/regulations	DIN VDE 0110
Standards/regulations	DIN VDE 0109-11, draft
Standards/regulations	DIN VDE 0160 (in relevant parts)
Pollution degree	2
Surge voltage category	II

## classifications

### eCl@ss

eCl@ss 4.0	27371104
eCl@ss 4.1	27371104
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

### ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC000196

### UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

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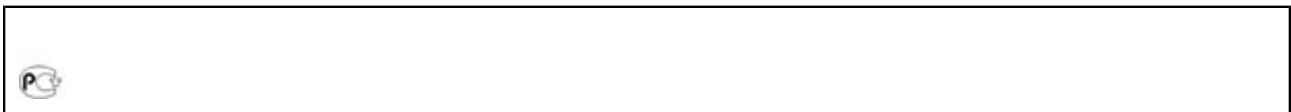
approvals

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Approval details



Drawings

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Circuit diagram

