

Relay connectors - ST-REL3-HG220/21 - 2821041

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Relay connector, equipped with Hengstler miniature round relay, contacts (AgCdO+Au): small to large loads, 1 PDT, input voltage 220 V DC, with light indicator, can be plugged on basic termination blocks

The figure shows version ST-REL3-HG 24/21

RoHS

Key Commercial Data

| | |
|--------------|---|
| Packing unit | 10 pc |
| GTIN |  4 017918 076962 |
| GTIN | 4017918076962 |

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_N | 220 V DC |
| Input voltage range in reference to U_N | 0.8 ... 1.1 |
| Typical input current at U_N | 6.5 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 |

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Technical data

Coil side

| | |
|---|--------|
| Power dissipation for nominal condition | 1.43 W |
|---|--------|

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 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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