

Relay connectors - ST-REL7-HG 48/4X21 - 2892740

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Relay connector, equipped with Hengstler miniature round relay, contacts (AgCdO+Au): small to large loads, 4 PDT, input voltage 48 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

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 078751 |
| Weight per Piece (excluding packing) | 104.2 GRM |
| Custom tariff number | 85364190 |
| Country of origin | Germany |

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 | 48 V DC |
| Input voltage range in reference to U_N | 0.8 ... 1.1 |
| Typical input current at U_N | 20 mA |
| Typical response time | 15 ms (with DC) |

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Technical data

Coil side

| | |
|---------------------------|---|
| 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) |
| | 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 ⁷ cycles |
| Standards/regulations | IEC 60664 |
| | IEC 60664 A |
| | DIN VDE 0110 |
| | DIN VDE 0109-11, draft |
| | 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 |

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Classifications

eCl@ss

| | |
|------------|----------|
| 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 |

Approvals

Approvals

Approvals

GOST / GOST

Ex Approvals

Approvals submitted

Approval details

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| GOST |
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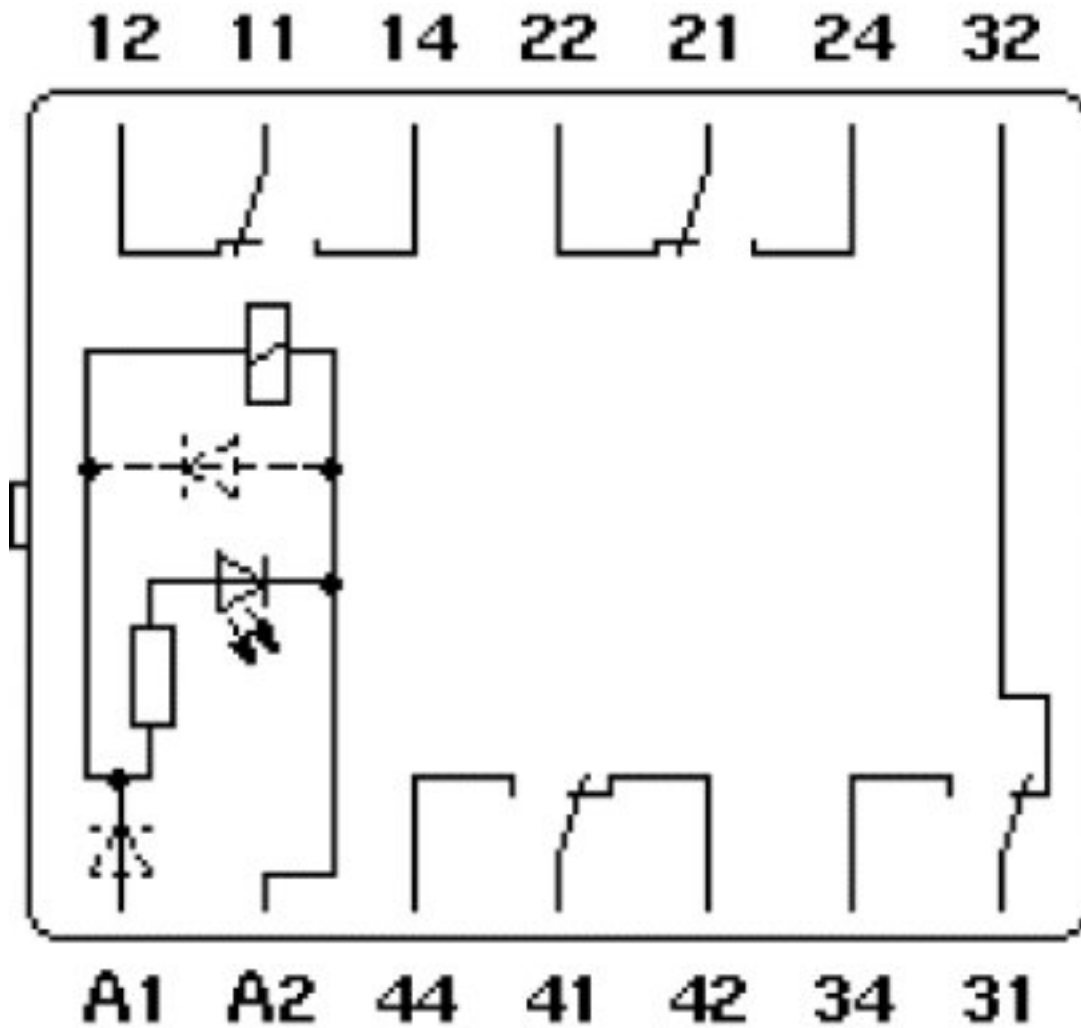
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Approvals



Drawings

Circuit diagram



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