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

The illustration shows version ST-REL 4-HW 24/1-1



Key commercial data

| Packing unit | 1 pc |
|--------------------------------------|-----------------|
| GTIN | 4 017918 078584 |
| Weight per Piece (excluding packing) | 67.81 GRM |
| Custom tariff number | 85364190 |
| Country of origin | Germany |

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 DC |
|--|-----------------|
| Input voltage range in reference to U _N | 0.8 1.1 |
| Typical input current at U _N | 21 mA |
| Typical response time | 15 ms (with DC) |



Technical data

Coil side

| Typical release time | 25 ms (with DC) |
|---------------------------|---|
| Operating voltage display | Yes |
| Protective circuit | Damping diode, polarity protection Damping diode, polarity protection diode |

Contact side

| Contact type | Single contact, 2 N/O 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 N/O contact/N/O contact | 2.5 kV AC (50 Hz, 1 min.) |
| Operating mode | 100% operating factor |
| Mechanical service life | Approx. 10 ⁷ cycles |
| Standards/regulations | DIN VDE 0110b, Gr. C for 250 V DC |
| | DIN VDE 0160 (in relevant parts) |

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



Classifications

| ГΙ | RЛ |
|----|-----|
| | IVI |

| ETIM 3.0 | EC000196 |
|----------|----------|
| ETIM 4.0 | EC000196 |
| ETIM 5.0 | EC000196 |

UNSPSC

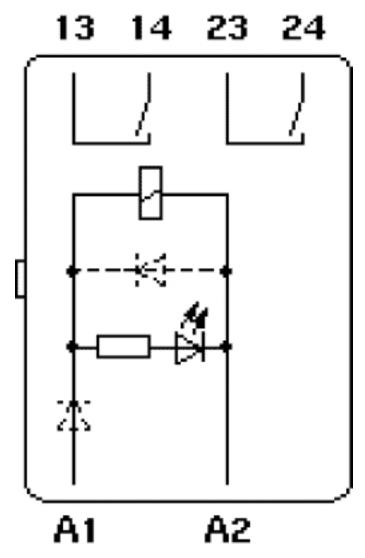
| UNSPSC 6.01 | 30211916 |
|---------------|----------|
| UNSPSC 7.0901 | 39121515 |
| UNSPSC 11 | 39121515 |
| UNSPSC 12.01 | 39121515 |
| UNSPSC 13.2 | 39121515 |

Drawings

GOST 💇



Circuit diagram



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