

## Relay connectors - ST-REL3-HW 42/21 - 2821067

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Relay connector, equipped with Hengstler miniature round relay, contacts (AgCdO+Au): small to large loads, 1 PDT, input voltage 42 V AC, with light indicator, can be plugged on basic termination blocks

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



### Key commercial data

Packing unit	1 pc
GTIN	 4 017918 076986
Weight per Piece (excluding packing)	61.35 GRM
Custom tariff number	85364190
Country of origin	Germany

### 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 $U_N$	42 V AC
Input voltage range in reference to $U_N$	0.8 ... 1.1
Typical input current at $U_N$	50 mA
Typical response time	4 ms ... 15 ms (depending on phase relation)

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### Technical data

#### Coil side

Typical release time range	4 ms ... 15 ms (depending on phase relation)
Operating voltage display	Yes

#### Contact side

Contact type	Single contact, 1-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)
	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 <sup>7</sup> 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
ETIM 3.0	EC000196
ETIM 4.0	EC000196

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## Classifications

### ETIM

ETIM 5.0	EC000196
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### UNSPSC

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

## Approvals

### Approvals

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### GOST / GOST

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### Ex Approvals

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### Approvals submitted

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## Approval details



## Drawings

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Circuit diagram

