

Relay connectors - ST-REL4-HG110/21-21 - 2823421

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Relay connector, equipped with Hengstler miniature round relay, contacts (AgSnO₂+Au): small to large loads, 2 PDT, input voltage 110 V DC, with light indicator, can be plugged on basic termination blocks

The figure shows version ST-REL 4-HG 24/21-21



Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 077396
GTIN	4017918077396

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	110 V DC
Input voltage range in reference to U _N	0.8 ... 1.1
Typical input current at U _N	5.5 mA
Typical response time	15 ms (with DC)
Typical release time	25 ms (with DC)
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	0.61 W
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Contact side

Contact type	Single contact, 2-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)
	1250 VA (for 250 V AC)

General

Test voltage relay winding/relay contact	2 kV AC (50 Hz, 1 min.)
Test voltage PDT/PDT	2.5 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

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

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EAC

Ex Approvals

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Approvals

Approval details

EAC		RU C- DE.A*30.B.01082
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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

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