

Relay connectors - ST-REL7-HG110/4X21 - 2899303

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Relay connector, equipped with Hengstler miniature round relay, contacts (AgSnO₂+Au): small to large loads, 4 PDT, input voltage 110 V DC, with light indicator, can be plugged on basic termination blocks

The figure shows version ST-REL7-HG 24/4X21



Key Commercial Data

Packing unit	5 pc
GTIN	 4 017918 078829
GTIN	4017918078829
Weight per Piece (excluding packing)	92.800 g
Custom tariff number	85364900
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	110 V DC
Input voltage range in reference to U _N	0.8 ... 1.1
Typical input current at U _N	9 mA
Typical response time	15 ms (with DC)
Typical release time	15 ms (with DC)

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Coil side

Protective circuit	Damping diode, polarity protection Damping diode, polarity protection diode
Operating voltage display	yes
Power dissipation for nominal condition	0.99 W

Contact side

Contact type	Single contact, 4-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 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	approx. 10 ⁷ cycles

Standards and Regulations

Standards/regulations	IEC 60664
	IEC 60664A
	DIN VDE 0110
	DIN VDE 0109-11, draft
	DIN VDE 0160 (in relevant parts)
Pollution degree	2
Overvoltage category	II

Environmental Product Compliance

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