

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




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-REL 7-HG 24/4X21



Key Commercial Data

Packing unit	5 pc
GTIN	 4 017918 078829
GTIN	4017918078829

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)
Protective circuit	Damping diode, polarity protection Damping diode, polarity protection diode
Operating voltage display	yes

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

Technical data

Coil side

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)
Degree of pollution	2
Overvoltage category	II

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

Approvals

Approvals

EAC

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

Approvals

Ex Approvals

Approval details

EAC



RU C-
DE.A*30.B.01082

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Phoenix Contact](#) manufacturer:

Other Similar products are found below :

[1203259](#) [1893300](#) [1212619](#) [1927221](#) [1936102](#) [1730573](#) [3240366](#) [3240367](#) [1014246](#) [1014236](#) [1014240](#) [1014290](#) [1014293](#) [1806193](#)
[1823655](#) [1912825](#) [1842254](#) [1768260](#) [1716373](#) [1648030](#) [1579051](#) [1014235](#) [1014239](#) [1014229](#) [1212378](#) [2800744](#) [3006564](#) [2800741](#)
[5146480](#) [1623633](#) [1507793](#) [3025587](#) [3069708](#) [1431461](#) [1586976](#) [0311647](#) [1460160](#) [1771338](#) [3048387](#) [2814605](#) [0309086](#) [1513716](#)
[3035684](#) [5451417](#) [0202219](#) [1647747](#) [1730667](#) [1709267](#) [5449018](#) [0311634](#)