ST-REL7-HG220/4X21 - Relay connectors

2892465

https://www.phoenixcontact.com/gb/products/2892465

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The figure shows version ST-REL 7-HG 24/4X21

Relay connector, equipped with Hengstler miniature round relay, contacts ($AgSnO_2$+Au): small to large loads, 4 changeover contacts, input voltage 220 V DC, with LED display, pluggable into basic terminal blocks

Commercial data

Item number	2892465
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	DK61B2
Product key	DK61B2
GTIN	4017918078713
Weight per piece (including packing)	98.59 g
Weight per piece (excluding packing)	100.91 g
Customs tariff number	85364900
Country of origin	DE

Technical data

Product properties

Product type	Relay Module
Operating mode	100% operating factor
Mechanical service life	approx. 10^7 cycles

Insulation characteristics

Overvoltage category	II
Pollution degree	2

Data management status

Date of last data management	01.04.2026

Electrical properties

Maximum power dissipation for nominal condition	1.32 W
Test voltage (Winding/contact)	2 kV AC (50 Hz, 1 min., winding/contact)
Test voltage (Changeover contact/changeover contact)	2 kV AC (50 Hz, 1 min., changeover contact/changeover contact)

Input data

Coil side

Nominal input voltage U_N	220 V DC
Input voltage range	176 V DC ... 242 V DC (20 °C)
Drive and function	monostable
Drive (polarity)	polarized
Typical input current at U_N	6 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

Output data

Switching

Contact switching type	4 changeover contacts
Type of switch contact	Single contact
Contact material	AgSnO, hard gold-plated
Maximum switching voltage	250 V AC/DC
Limiting continuous current	6 A
Maximum inrush 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)

Dimensions

Item dimensions

Width	45.6 mm
Height	33 mm
Depth	66.5 mm

Material specifications

Color	green (RAL 6021)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Standards and regulations

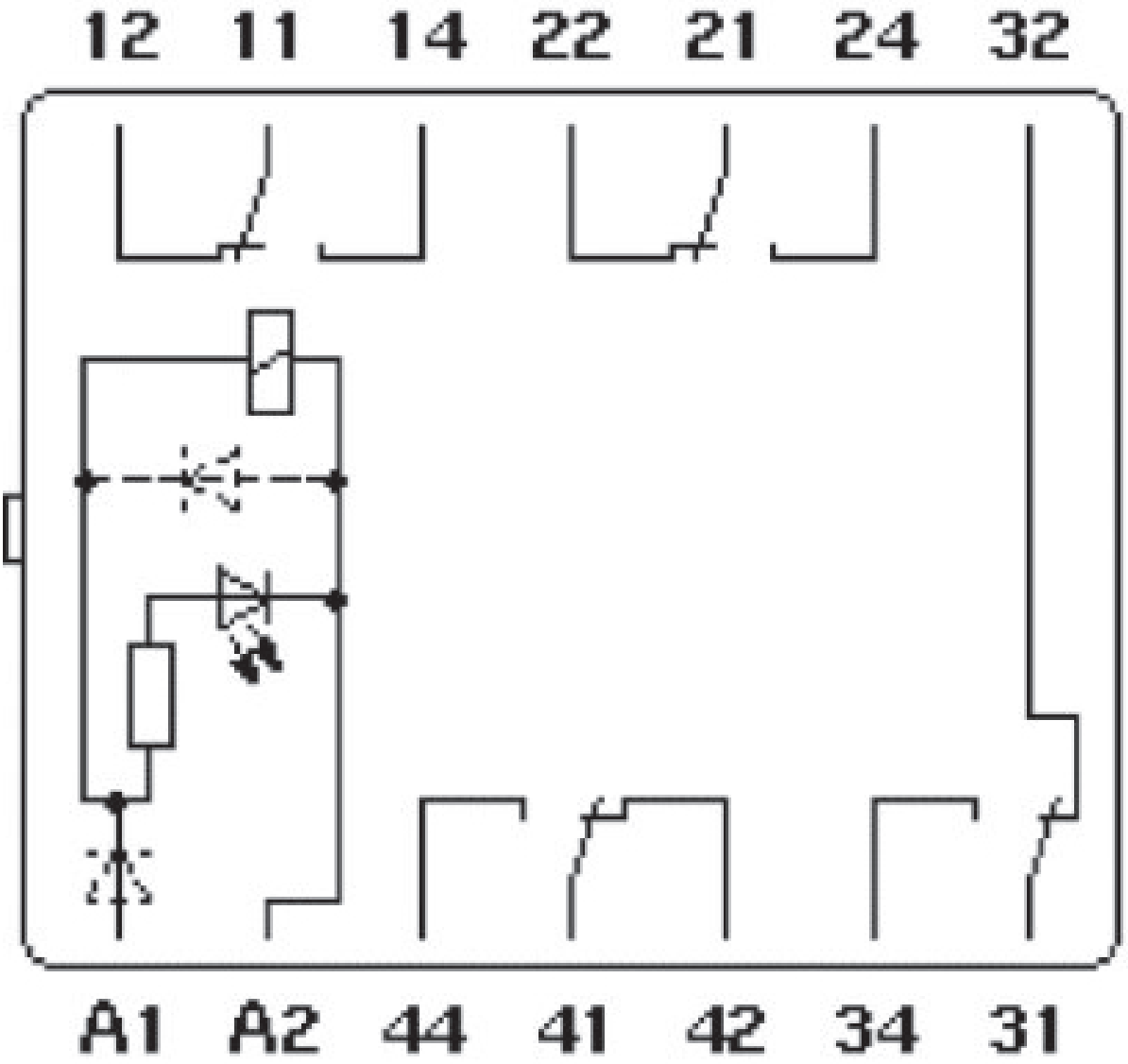
Standards/regulations	IEC 60664
	IEC 60664A
	DIN VDE 0110
	DIN VDE 0109-11, draft
	DIN VDE 0160 (in relevant parts)

Mounting

Mounting type	Plug-in mounting

Drawings

Circuit diagram



Classifications

ECLASS

ECLASS-13.0	27371601
ECLASS-15.0	27371601

ETIM

ETIM 10.0	EC001437

UNSPSC

UNSPSC 21.0	39122300

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	3e940985-1eb4-4446-b4fc-31dcdc2a2438

EF3.1 Climate Change

CO2e kg	9.591 kg CO2e

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PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk