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# ST-REL7-HG 24/4X21


Order No.: 2827139



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2827139>

Relay connector, equipped with Hengstler miniature round relay, contacts (AgCdO+Au): small to large loads, 4 PDT, input voltage 24 V DC, with light indicator, can be plugged on basic termination blocks

## Commercial data

GTIN (EAN)	 4 017918 078140
sales group	G015
Pack	5 pcs.
Customs tariff	85364190
Catalog page information	Page 87 (IF-2002)

## Product notes

WEEE/RoHS-compliant since:  
08/10/2006



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

### Coil side

Nominal input voltage $U_N$	24 V DC
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Input voltage range in reference to $U_N$	0.8 ... 1.1
Nominal input current at $U_{IN}$	40 mA
Typical response time	15 ms (with DC)
Typical release time	15 ms (with DC)
Operating voltage display	Yes
Type of protection	Damping diode, polarity protection
Protective circuit/component	Damping diode, polarity protection diode

**Contact side**

Contact type	Single contact, 4-PDT
Contact material	Silver cadmium oxide (AgCdO), 10 µm 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 (for 48 V DC)
	105 W (for 60 V DC)
	60 W (for 110 V DC)
	90 W (for 220 V DC)
	1250 VA (for 250 V AC)

**General data**

Width	45.6 mm
Height	33 mm
Depth	66.5 mm
Test voltage relay winding/relay contact	2 kV AC (50 Hz, 1 min.)
Test voltage PDT/PDT	2 kV AC (50 Hz, 1 min.)
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Operating mode	100% operating factor
Mechanical service life	Approx. $10^7$ cycles
Standards/regulations	IEC 60664
	IEC 60664 A
	DIN VDE 0110
	DIN VDE 0109-11, draft
	DIN VDE 0160 (in relevant parts)

Pollution degree	2
Surge voltage category	II

### Certificates / Approvals



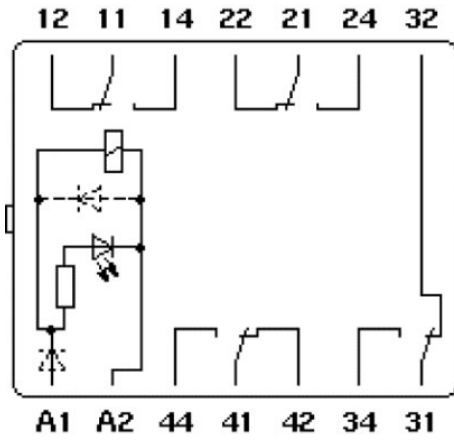
Certification GOST

### Additional products

Item	Designation	Description
<b>General</b>		
2777069	UDK-RELG 7	Basic termination blocks with test connection on both sides and double connections with the same potential for NS 32 and NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 7-pos.
2820178	URELG 7	Basic termination blocks with screw connection for NS 32 and NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 7-pos.
2820725	URELG 7-PMTK	Basic termination blocks with test connection on both sides and knife disconnection for NS 32 and NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 7-pos.
2829933	ZFK-RELG 7	Basic termination blocks with spring-cage connection for NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 7-pos.

**Diagrams/Drawings**

Circuit diagram



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