

ST-REL7-SG 24/4X21

Order No.: 2828387



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2828387>

Relay connector, equipped with Siemens KAMMRELAIS ®, contacts (Ag): medium loads, 4 PDT, input voltage 24 V DC, with light indicator, can be plugged on basic termination blocks

Commercial data

EAN	4017918078348
Pack	5 pcs.
Customs tariff	85364190
Weight/Piece	0.08546 KG
Catalog page information	Page 87 (IF-2002)

Product notes

WEEE/RoHS-compliant since:
06/05/2007



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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}	32 mA
Typical response time	8 ms (with DC)
Typical release time	15 ms (with DC)
Operating voltage display	Yes
Name 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 (Ag), gold-flashed
Maximum switching voltage	150 V DC
	125 V AC
Maximum inrush current	2 A
Limiting continuous current	2 A
Interrupting rating (ohmic load) max.	48 W (for 24 V DC)
	40 W (for 48 V DC)
	40 W (for 60 V DC)
	45 W (for 110 V DC)
	50 VA (for 125 V AC)

General data

Width	45.6 mm
Height	66.5 mm
Depth	33 mm
Test voltage relay winding/relay contact	500 V AC (50 Hz, 1 min)
Test voltage PDT/PDT	500 V 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
Service life mechanical	Approx. 10^8 cycles (approx. 10^7 with AC relay)
Standards/regulations	DIN VDE 0110b, Gr. C for 250 V DC
	DIN VDE 0160 (in relevant parts)

Certificates / Approvals



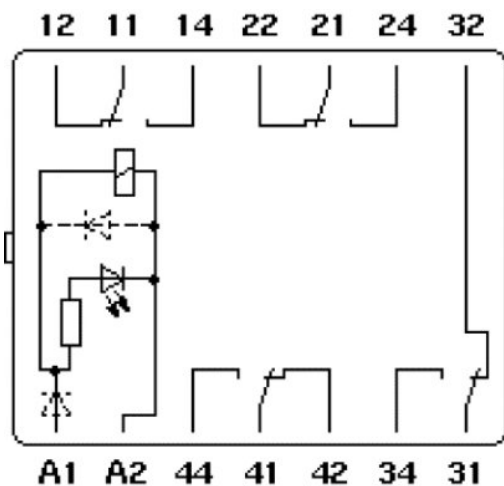
Certification GOST

Additional products

Item	Designation	Description
General		
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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