

Relay connectors - ST-REL7-HG 24/4X21 - 2827139

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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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 078140
Weight per Piece (excluding packing)	98.61 g
Custom tariff number	85364190
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	24 V DC
Input voltage range in reference to U_N	0.8 ... 1.1
Typical input current at U_N	40 mA
Typical response time	15 ms (with DC)
Typical release time	15 ms (with DC)

Relay connectors - ST-REL7-HG 24/4X21 - 2827139

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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	0.96 W

Contact side

Contact type	Single contact, 4-PDT
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/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

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

Relay connectors - ST-REL7-HG 24/4X21 - 2827139

Technical data

Standards and Regulations

Overvoltage category	II
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Classifications

eCl@ss

eCl@ss 4.0	27371104
eCl@ss 4.1	27371104
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371601
eCl@ss 9.0	27371601

ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC001437

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

Approvals

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Approvals

EAC / EAC

Ex Approvals

Relay connectors - ST-REL7-HG 24/4X21 - 2827139

Approvals

Approvals submitted

Approval details

EAC

EAC

Drawings

Circuit diagram



