



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Relay connectors - ST-REL7-HG-B 24/21-21/P - 2826156

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 Latching miniature switching relays, contacts (AgCdO): medium to large loads, 2 PDTs, input voltage 24 V DC, can be plugged on basic termination blocks



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	65.3 GRM
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 ... 50 °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 $U_N$	110 mA (response) 35 mA (reset/release)
Pulse time	0.1 s ... 20 s
Protective circuit	Damping diode, polarity protection Damping diode, polarity protection diode

#### Contact side

## Relay connectors - ST-REL7-HG-B 24/21-21/P - 2826156

### Technical data

#### Contact side

Contact type	Single contact, 2-PDT
Contact material	AgCdO
Maximum switching voltage	250 V AC 220 V DC
Maximum inrush current	4 A
Limiting continuous current	4 A
Interrupting rating (ohmic load) max.	95 W (at 24 V DC) 95 W (at 48 V DC) 65 W (at 60 V DC) 50 W (at 110 V DC) 60 W (at 220 V DC) 1000 VA (for 250 V AC)

#### General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Test voltage PDT/PDT	2.5 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	Approx. 10 <sup>7</sup> cycles
Standards/regulations	DIN VDE 0110b, Gr. C for 250 V DC DIN VDE 0160 (in relevant parts)

### 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	27371001

#### ETIM

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

# Relay connectors - ST-REL7-HG-B 24/21-21/P - 2826156

## Classifications

### UNSPSC

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

## Approvals

### Approvals

---

#### Approvals

GOST / GOST

---

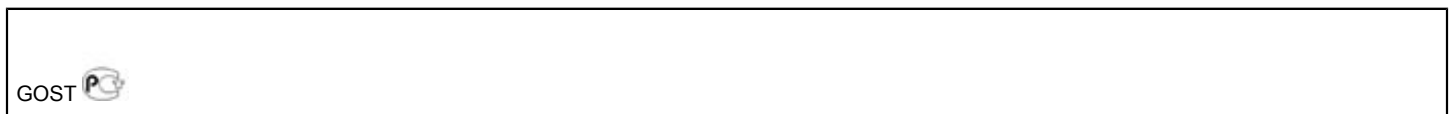
Ex Approvals

---

Approvals submitted

---

### Approval details



## Drawings

# Relay connectors - ST-REL7-HG-B 24/21-21/P - 2826156

Circuit diagram

