

Relay connectors - ST-REL7-HW120/4X21 - 2827304

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 Hengstler miniature round relay, contacts (AgCdO+Au): small to large loads, 4 PDT, input voltage 120 V AC, with light indicator, can be plugged on basic termination blocks

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



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 078188
Weight per Piece (excluding packing)	100.0 GRM
Custom tariff number	85364900
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	120 V AC
Input voltage range in reference to U_N	0.8 ... 1.1
Typical input current at U_N	17 mA
Typical response time	4 ms ... 15 ms (with AC)

Relay connectors - ST-REL7-HW120/4X21 - 2827304

Technical data

Coil side

Typical release time range	4 ms ... 15 ms (with AC)
Operating voltage display	Yes

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 60664 A
	DIN VDE 0110
	DIN VDE 0109-11, draft
	DIN VDE 0160 (in relevant parts)
Pollution degree	2
Surge voltage category	II

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

Relay connectors - ST-REL7-HW120/4X21 - 2827304

Classifications

eCl@ss

eCl@ss 8.0	27371001
------------	----------

ETIM

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

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

GOST 
--

GOST 
--

Relay connectors - ST-REL7-HW120/4X21 - 2827304

Drawings

Circuit diagram

