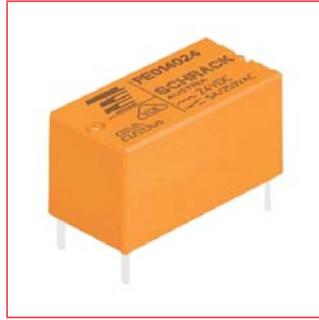


## Print Relays Schrack, Series PE

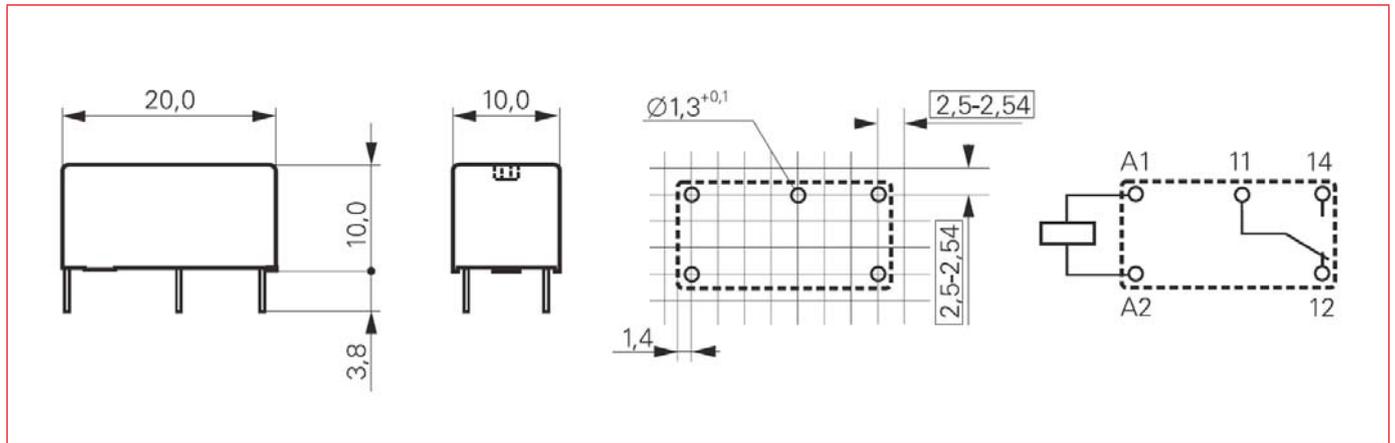


PE014024

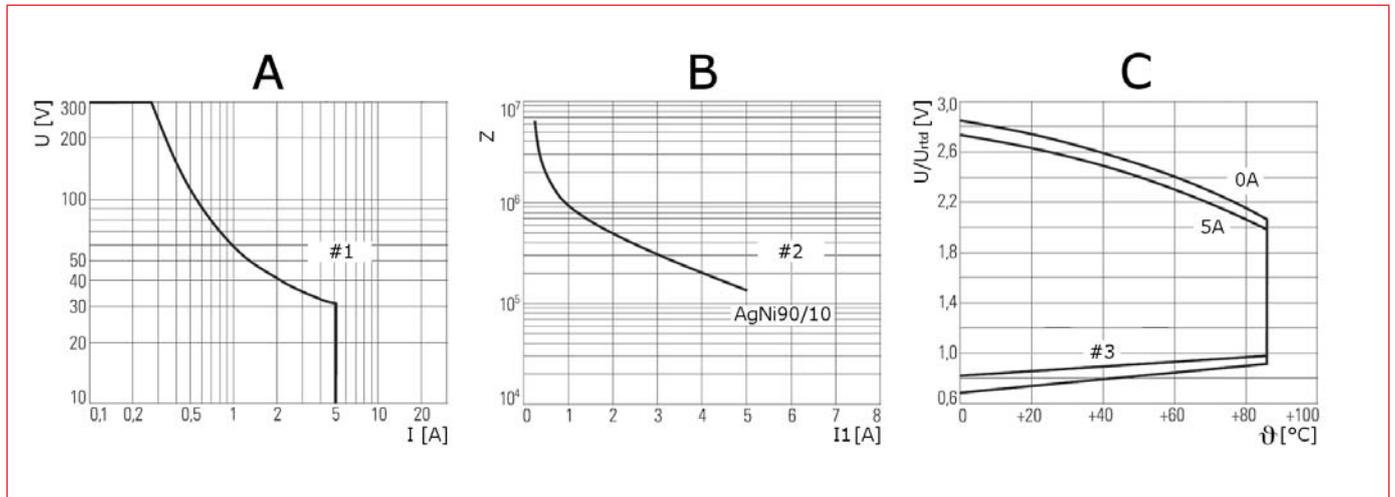
### Schrack-Info

- 1 CO, 5 A
- Coil 5 up to 24 V DC
- 2.5 mm Pinning
- Low component height of 10 mm
- Coil power rating: 200 mW
- Cadmium-free contact material
- Ambient temperature 85°C
- For industrial equipment electronics, whiteware, battery powered devices

### Dimensions (mm)



### Rated Breaking Capacity, Electrical Service Life & Coil Operating Voltage Range



### Rated Breaking Capacity, Electrical Service Life & Coil Operating Voltage Range

<b>A</b>	Max. DC rated breaking capacity
<b>B</b>	Electrical endurance
<b>C</b>	Coil operating range DC
<b>#1</b>	Resistive load
<b>#2</b>	250 V AC resistive load
<b>#3</b>	$U_{rd}$ Rated coil voltage
<b>I</b>	DC current in [A]
<b>I1</b>	Switching current [A]
<b>U</b>	DC voltage in [V]
<b>U/U<sub>rd</sub></b>	Coil voltage in [V]
<b>Z</b>	Cycles
<b>θ</b>	Ambient temperature in [°C]

## Print Relays Schrack, Series PE

### Technical Data

#### CONTACT DATA

Number of contacts and type		1 CO contact
Rated current		5 A
Rated voltage/ max. switching voltage AC		250 / 400 V
Max. rated breaking capacity AC		1250 V
Contact material		AgNi 90/1
Frequency of operation	With Load	360 ops/h
	Without Load	72000 ops/h
Operate release time		typ. 8 / 8 ms
Bounce time		typ. 4 / 6 ms

#### COIL DATA

Operative range, IEC 61810		2
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#### INSULATION DATA

Initial dielectric strength	Open contacts	1000 V <sub>rms</sub>
	Contact and coil	4000 V <sub>rms</sub>
Initial insulation resistance	Open contact set	> 10 x 10 <sup>9</sup> Ω
	Coil contact set	
Clearance/ creepage	Contact and coil	≥ 3.2 / 4 mm
Ambient temperature		-40...+85 °C

DESCRIPTION	AVAILABLE	ORDER NO.
5V-DC, 1 CO, 5A		<b>PE014005</b>
12V-DC, 1 CO, 5A		<b>PE014012</b>
24V-DC, 1 CO, 5A		<b>PE014024</b>

