

## Print Relays Schrack, Series RY

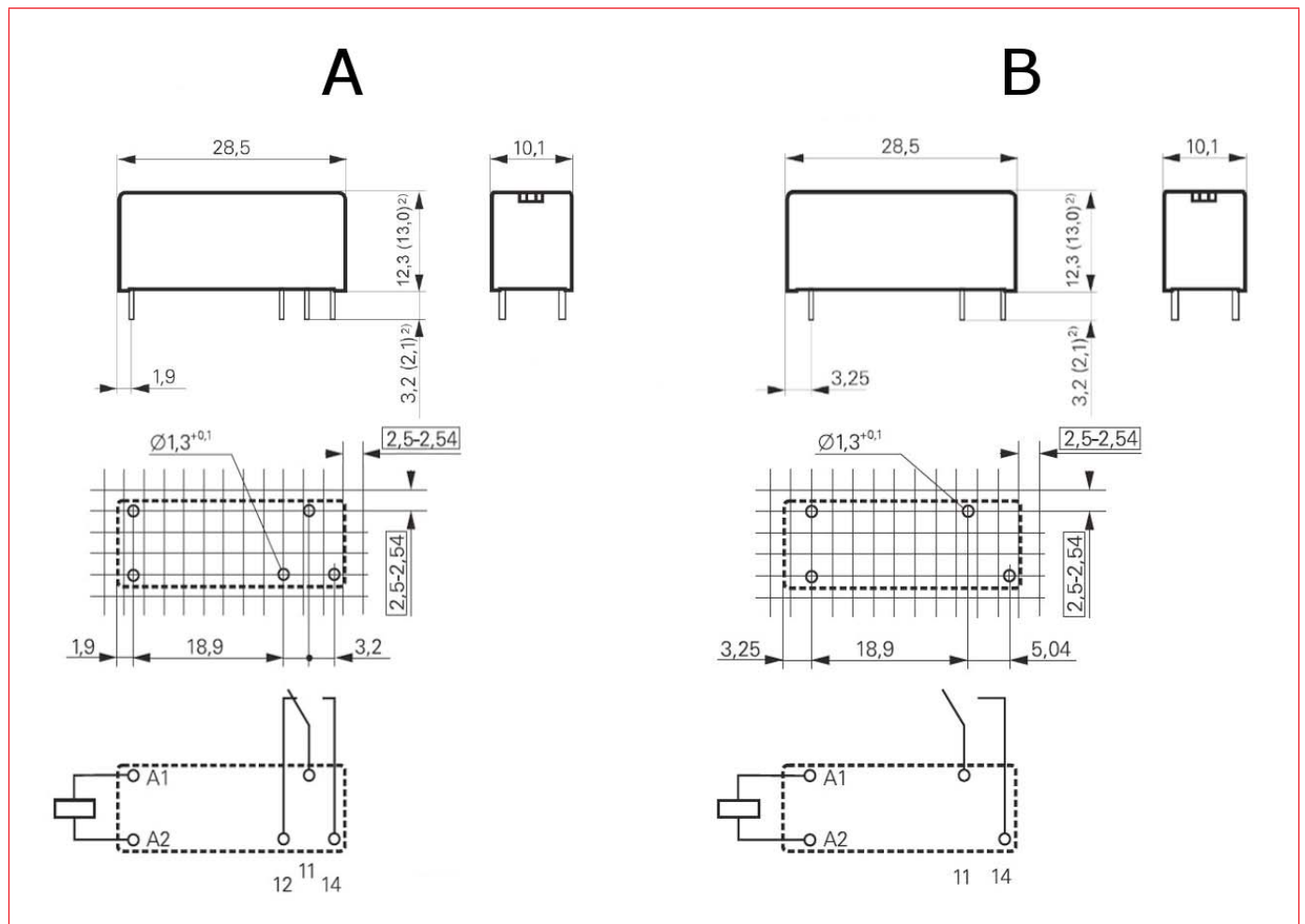


RY210012

### Schrack-Info

- 1 pole 8 A
- 1 CO or 1 NO
- Coil 12 or 24 V DC
- Pinning 3.2 (CO) or 5 mm (NO)
- Low component height of 12.3 mm
- Reinforced insulation (appliance class II)
- RY530012 (NO version) especially suitable for ohmic or inductive loads
- For heating controls, interface technology, household appliances, timers, thermostats

### Dimensions & Circuit Diagrams (mm)

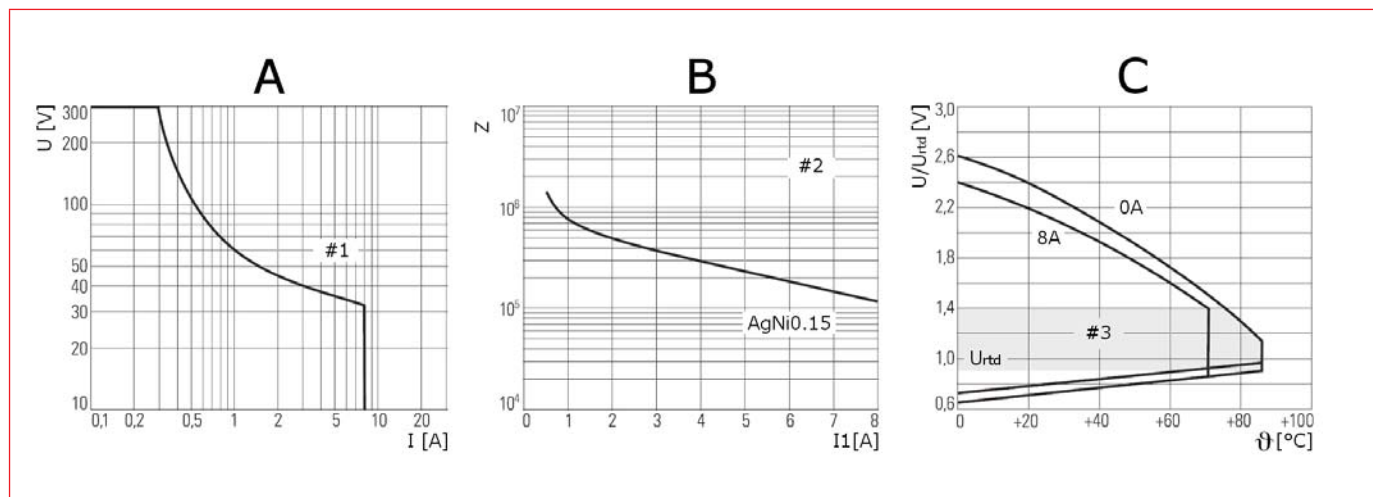


### Dimensions & Circuit Diagrams

<b>A</b>	1 CO, Pinning 3.2 mm
<b>B</b>	1 NO, Pinning 5 mm

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



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<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>	Recommended voltage range
<b>I</b>	DC current in [A]
<b>I1</b>	Switching current in [A]
<b>U</b>	DC voltage in [V]
<b>U/U<sub>rtd</sub></b>	Coil voltage in [V]
<b>Z</b>	Cycles
<b>θ</b>	Ambient temperature in [°C]

Technical Data

CONTACT DATA

Number of contacts and type		1 CO oder 1 NO
Rated current		8 A
Rated voltage/ max. switching voltage AC		250 / 400 V
Max. rated breaking capacity AC		2000 VA
Contact material		AgCdO, AgNi0.15 or AgNi0.15 hgp*
Frequency of operation	With Load	6 min <sup>-1</sup>
	Without Load	1200 min <sup>-1</sup>
Operate/ release time max.		9 / 5 ms
Bounce time		6 / 10 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	5000 V <sub>rms</sub>
Clearance/ creepage	Contact and coil	≥ 8 / 8 mm
Ambient temperature		-40...+70 °C

\*hard gold-plated

DESCRIPTION	AVAILABLE	ORDER NO.
12V-DC, 1 CO, 16A		<b>RY210012</b>
24V-DC, 1 CO, 16A		<b>RY210024</b>
24V-DC, 1 CO, 16A		<b>RY211024</b>
24V-DC, 1 CO, 8A		<b>RY612024</b>
12V-DC, 1 CO, 8A		<b>RY530012</b>



Order no. blue: on stock, usually ready for delivery on the day of order