

Technical data sheet

Interface Technology · LCIS Relay Module

DC-Relay-Interface, 2 CO contact / DPDT, pluggable

AC / DC 300 V, 8 A, 2000 VA

Push-In, Contact material: AgNi



Identification

Type	LCIS2-RSP12DC-PI-2U
Part No.	770052

Product version

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Input

Rated voltage U_N	DC 12 V
Input voltage range	8.4 V – 18 V
Rated current I_N	0.035 A
Protection device Input	Free-wheeling diode
Status display input	LED green
Power consumption	0.4 W
Interrupting voltage	<1.2 V

Output

Contact type	2 changeover contacts / DPDT
Min. switching voltage	AC/DC 5 V
Max. switching voltage	AC/DC 300 V
Min. switching current	AC/DC 5 mA
Max. switching current	AC/DC 8 A
Switching capacity DC 13	2 A @ 24 V, 220 mA @ 120 V, 100 mA @ 250 V
Switching capacity AC 15	3 A @ 120 V, 1.5 A @ 240 V
Max. switching capacity	2000 VA
Contact material	AgNi

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Mechanical service life	> 3 x 10 ⁷ operations
Switch-on delay	7 ms
Shutdown delay	3 ms
Protection device	None
Rated insulation voltage (EN 606641- AC 250 V 1)	
Degree of protection	IP20

General

Housing material	PA 6.6
Color of the housing	light grey
Degree of protection	IP20
Mounting	DIN rail mountable TS35 (EN 60715)
Insulation voltage input / output	5.0 kV _{eff}
Safe isolation	yes
Clearance/creepage dist. (control/ load side)	Air clearance: > 10 mm, creepage clearance: > 10 mm
Connection type	Push-In 2 × (0.20 mm ² – 1.5 mm ²)
Dimensions (w × h × d)	15.9 mm × 97.0 mm × 75.8 mm (including mounting bracket)
Weight/unit	0.065 kg
PU (units)	10

General ambient conditions

Operation temperature range	-40 °C ... +70 °C
Storage temperature range	-40 °C ... +85 °C

Certifications/Standards

Certifications	cURus
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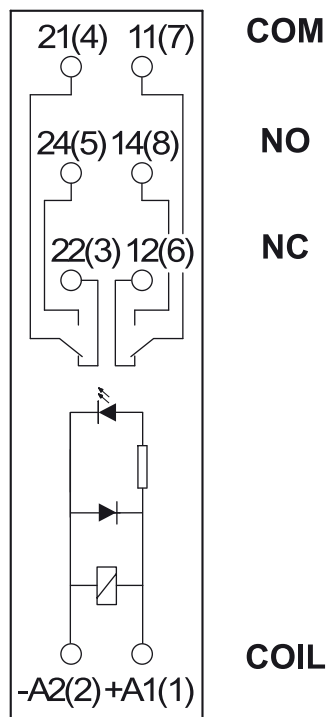
Technical drawing of the front view of the 1000 Series Shinkansen, showing dimensions in millimeters. The drawing includes a side profile of the train with various measurement lines and values.

Dimensions shown:

- Overall width: 15.9
- Overall height: 97
- Height from ground to top of nose: 29.8
- Height from ground to top of main body: 35.2
- Height from ground to top of tail fin: 27.9
- Overall length: 75.8
- Length of main body: 45.9

The diagram shows a 2-to-1 multiplexer. It has two inputs at the bottom: $-A2$ on the left and $+A1$ on the right. The inputs are connected to a central block with a diagonal line from the top-left to the bottom-right. Two outputs are shown at the top: 21 on the left and 11 on the right. Each output is connected to a vertical line that then branches into a horizontal line (left for 21 , right for 11) and a diagonal line (right for 21 , left for 11) that connects to the multiplexer block.

Circuit diagram



DC version