

Technical data sheet

Interface Technology · LCIS Relay Module

DC-Relay-Interface, 1 CO contact / SPDT, pluggable

AC / DC 300 V, 16 A, 4000 VA

Push-In, contact material: AgNi



Identification

Type	LCIS2-RSP12DC-PI-1U
Part No.	770042

Product version

Datasheet version	00
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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	1 changeover contacts / SPDT
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 16 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	4000 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

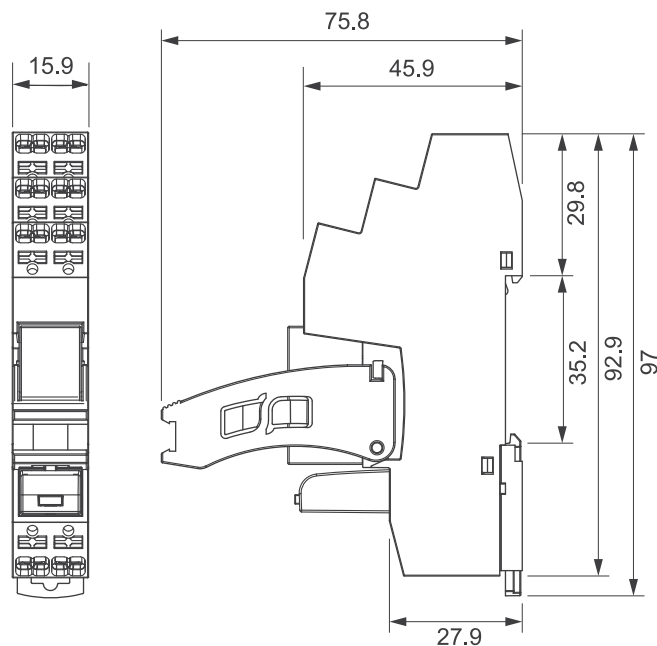
General ambient conditions

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

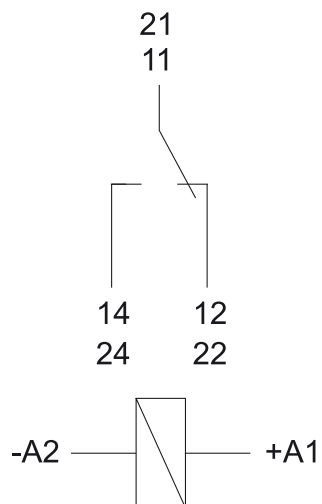
Certifications/Standards

Certifications	cURus
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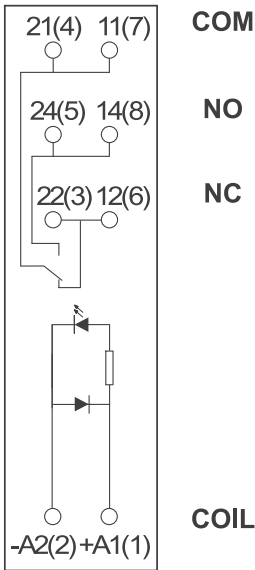
Dimensions



PIN assignment



Circuit diagram



DC version