

Technical data sheet

Interface Technology · LCIS Relay Module

DC-Relay-Interface, 4 CO contact / 4PDT, pluggable

AC / DC 250 V, 6 A, 1500 VA

Push-In, Contact material: AgNi



Identification

Type	LCIS3-RSI12DC-PI-4U
Part No.	770062

Product version

Datasheet version	00
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Input

Rated voltage U_N	DC 12 V
Input voltage range	9.6 V – 13.2 V
Rated current I_N	0.09 A
Protection device Input	Free-wheeling diode
Status display input	LED green
Power consumption	0.9 W
Interrupting voltage	<1.2 V

Output

Contact type	4 changeover contacts / 4PDT
Min. switching voltage	AC/DC 5 V
Max. switching voltage	AC/DC 250 V
Min. switching current	AC/DC 5 mA
Max. switching current	AC/DC 6 A
Switching capacity DC 13	1.8 A @ 24 V, 220 mA @ 120 V, 100 mA @ 250 V
Switching capacity AC 15	1.5 A @ 120 V, 0.75 A @ 250 V
Max. switching capacity	1500 VA
Contact material	AgNi

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Mechanical service life	$> 2 \times 10^7$ operations
Switch-on delay	13 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	1.5 kV _{eff}
Safe isolation	yes
Clearance/creepage dist. (control/ load side)	Air clearance: >2 mm, creepage clearance: >3 mm
Connection type	Push-In $2 \times (0.20 \text{ mm}^2 - 1.5 \text{ mm}^2)$
Dimensions (w × h × d)	31.0 mm × 97.0 mm × 75.8 mm (including mounting bracket)
Weight/unit	0.117 kg
PU (units)	5

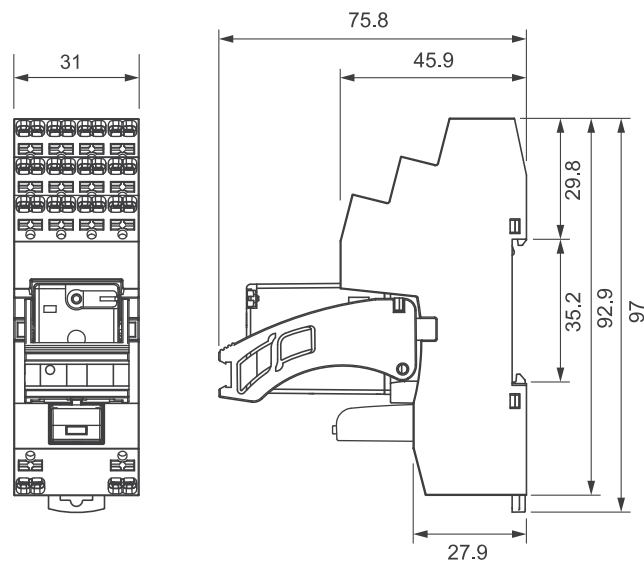
General ambient conditions

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

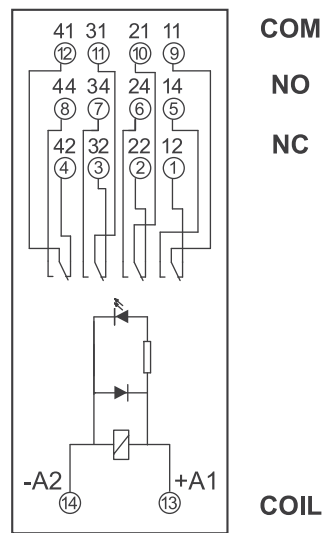
Certifications/Standards

Certifications	cURus
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Dimensions



Circuit diagram



DC version