

## Technical data sheet

Interface Technology · LCIS Mechanical Relay

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**Output relay interface, relay with 1 change over contact**  
**AC/DC 250 V, 6 A, 1500 VA / 144 W**  
**Screw terminal / Push-In, contact material: AgSnO<sub>2</sub> + 5 µm HV**



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### Identification

Type	LCIS-RGA120UP-S-1U-HTV
Part-No.	760051.0010

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### Product version

Datasheet version	01
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### Input

Rated voltage $U_N$	AC/DC 115 V
Input voltage range	92 V – 126.5 V
Rated frequency $f_N$	50 Hz / 60 Hz
Rated current $I_N$	3.7 mA
Protection device Input	Bridge rectifier
Max. length of connecting lead	DC: 1000 m / AC: 500 m
Status display input	LED green
Interrupting voltage	<7.7 V

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### Output

Contact type	1 changeover contacts / SPDT
Min. switching voltage	AC/DC 1 V
Max. switching voltage	AC/DC 250 V
Min. switching current	AC/DC 1 mA
Max. switching current	AC/DC 6 A
Switching capacity DC 13	1 A @ 24 V 200 mA @ 125 V 100 mA @ 250 V

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Switching capacity AC 15	3 A
Max. switching capacity	1500 VA / 144 W
Contact material	AgSnO <sub>2</sub> + 5 µm HV
Mechanical service life	> 10 x 10 <sup>6</sup> operations
Inrush current	16 A (4 ms)
Switch-on delay	5 ms
Shutdown delay	10 ms
Protection device	none
Max. length of connecting lead	DC: 1000 m / AC: 500 m

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#### General

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Housing material	PA 6.6 (UL 94 V-0)
Color of the housing	RAL 7012 basalt grey
Protection class	IP20
Mounting	DIN rail mountable TS35 (EN 60715)
Installation position	any
Insulation voltage input / output	4.0 kV <sub>eff</sub>
Safe isolation	yes
Clearance/creepage dist. (control/ load side)	>5.5 mm
Rated insulation voltage (EN 50178)	300 V
Operation temperature range	-25 °C ... +60 °C
Storage temperature range	-40 °C ... +80 °C
Dimensions (w × h × d)	6.2 mm × 93.0 mm × 73.0 mm
Weight/unit	0.03 kg
Connection type	Screw terminal single wire 0.25 mm <sup>2</sup> –2.5 mm <sup>2</sup> / AWG 20–14 fine stranded wire with ferrule 0.25 mm <sup>2</sup> –1.5 mm <sup>2</sup> / AWG 20–16
PU (units)	5

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#### Certifications/Standards

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Certifications	cULus DNV GL
Standards	EN 60947-5-1

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#### Notes and Comments

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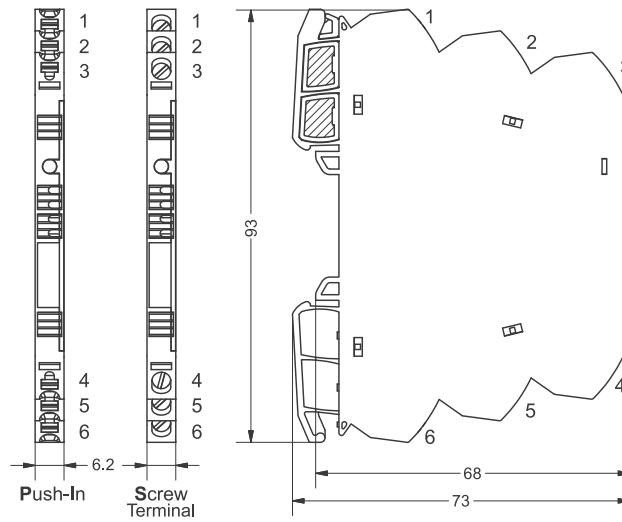
Comments	Hard gold-plated contacts: So that the gold layer is not damaged, the specified values are not permitted to be exceeded. At higher switching capacity, the gold layer vaporizes. The deposition in the housing can lead to sparkovers between the coil and contact.
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### Dimensions



### PIN assignment

