

Technical data sheet

Interface Technology · LCIS Mechanical Relay

Output Relay Interface, relay with 1 directional contact / SPDT relay

AC/DC 250 V, 6 A, 1500 VA / 144 W

Screw terminal / Push-In, contact material: AgSnO₂



Identification

Type	LCIS-RGA120UP-PI-1U
Part No.	761051.0000

Product version

Hardware revision	1.0
Datasheet version	05

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

Output

Contact type	1 changeover contacts / SPDT
Switching element	Relays
Min. switching voltage	AC/DC 17 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 A @ 24 V 200 mA @ 125 V 100 mA @ 250 V
Switching capacity AC 15	3 A
Max. switching capacity	1500 VA / 144 W

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Contact material	AgSnO ₂
Mechanical service life	> 10 x 10 ⁶ operations
Switch-on delay	5 ms
Shutdown delay	10 ms
Protection device	None
Max. length of connecting lead	DC: 1000 m / AC: 500 m
Degree of protection	IP20

General

Housing material	PA 6.6 (UL 94 V-0)
Color of the housing	RAL 7012 Basalt grey
Degree of protection	IP20
Mounting	DIN rail mountable TS35 (EN 60715)
Installation position	Any
Insulation voltage input / output	4.0 kV _{eff}
Safe isolation	yes
Clearance/creepage dist. (control/ load side)	>5.5 mm
Rated insulation voltage (EN 50178)	300 V
Connection type	Push-In Single wire 0.25 mm ² – 2.5 mm ² / AWG 24–14 Fine stranded wire with ferrule 0.25 mm ² – 1.5 mm ² / AWG 24–16
Strip length	8 mm
Dimensions (w × h × d)	6.2 mm × 93.0 mm × 73.0 mm
Weight/unit	0.03 kg
PU (units)	5

General ambient conditions

Operation temperature range	-25 °C ... +60 °C
Storage temperature range	-40 °C ... +80 °C
Relative air humidity	20 – 90 % RH, not condensing
Vibration resistance	0.7 g acc. to EN 60068-2-6

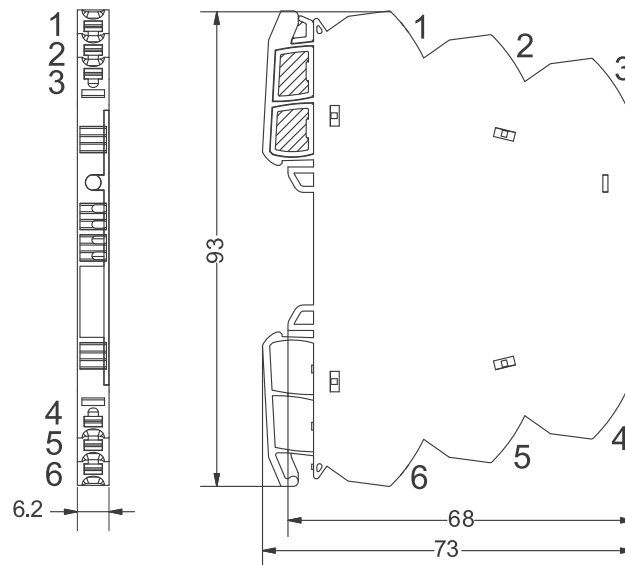
Approvals/Standards

Conformity	CE UKCA
Approvals	cULus (E135145) DNV (TAA000024Y)
Standards	EN 60947-1 EN 60947-5-1 EN 61000-6-2 EN 61000-6-4 UL 508 DNV-CG-0339

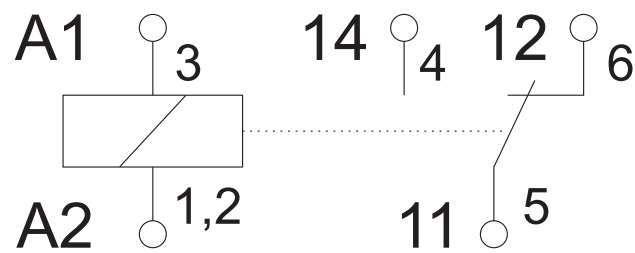
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Dimensions



PIN assignment



Use

