

Technical data sheet

Interface Technology · LCIS Mechanical Relay

Output Relay Interface, relay with 1 directional contact / SPDT relay, pluggable
AC/DC 250 V, 6 A, 1500 VA / 144 W
Screw terminal / Push-In, contact material: AgSnO₂



Identification

Type LCIS-RS230UP-S-1U
Part No. [760061.1000](#)

Product version

Hardware revision 1.0
Datasheet version 03

Input

Rated voltage U_N AC/DC 230 V
Input voltage range 184 V – 253 V
Rated frequency f_N 50 Hz / 60 Hz
Rated current I_N 3.6 mA
Protection device Input Bridge rectifier
Max. length of connecting lead DC: 1000 m / AC: 500 m
Status display input LED green
Interrupting voltage <12.8 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

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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
Contact material	AgSnO ₂
Mechanical service life	> 10 x 10 ⁶ operations
Switch-on delay	8 ms
Shutdown delay	13 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
Connection type	Screw terminal 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	6 mm
Dimensions (w × h × d)	6.2 mm × 93.0 mm × 76.0 mm
Weight/unit	0.035 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

Certifications/Standards

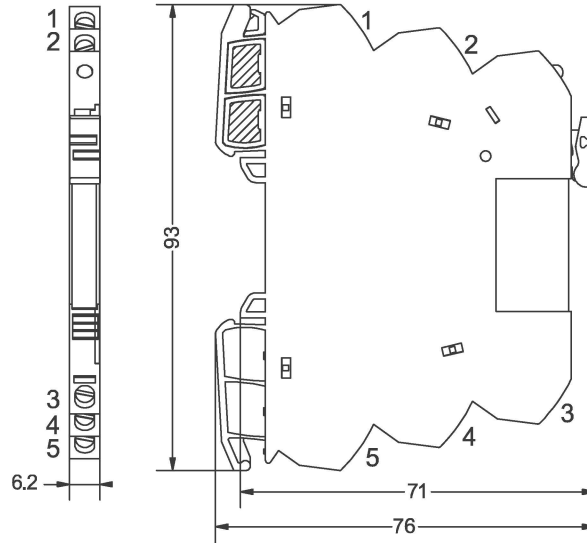
Conformity	CE UKCA
Certifications	cULus (E135145) DNV (TAA000024Y)

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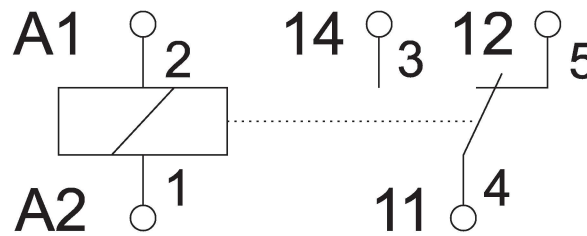
Standards

EN 60947-1
 EN 60947-5-1
 EN 61000-6-2
 EN 61000-6-4
 UL 508
 DNV-CG-0339

Dimensions



PIN assignment



Use

