

Interface Technology · LCIS Mechanical Relay

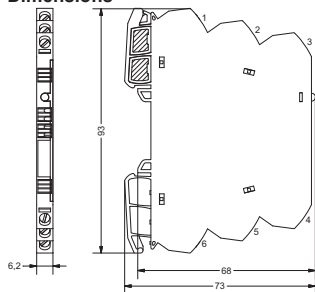
Output Relay Interface, relay with 1 directional contact / SPDT relay

AC/DC 250 V, 6 A, 1500 VA

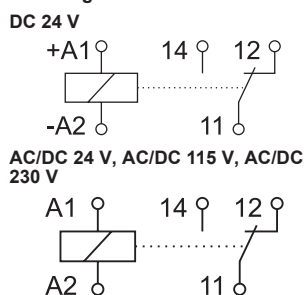
Screw terminal / Push-In, contact material: AgSnO₂



Dimensions



PIN assignment



Description	Part-No.	Type	PU	
Screw terminal				
Rated voltage U _N	DC 24 V	760020.0000 S*	LCIS-RGA24DC-S-1U	5
	AC/DC 24 V	760021.0000 S*	LCIS-RGA24UP-S-1U	5
	AC/DC 115 V	760051.0000 A*	LCIS-RGA120UP-S-1U	5
	AC/DC 230 V	760061.0000 S*	LCIS-RGA230UP-S-1U	5
Push-In				
Rated voltage U _N	DC 24 V	761020.0000 S*	LCIS-RGA24DC-PI-1U	5
	AC/DC 24 V	761021.0000 A*	LCIS-RGA24UP-PI-1U	5
	AC/DC 115 V	761051.0000 S*	LCIS-RGA120UP-PI-1U	5
	AC/DC 230 V	761061.0000 S*	LCIS-RGA230UP-PI-1U	5
Input				
	DC 24 V	AC/DC 24 V	AC/DC 115 V	AC/DC 230 V
Input voltage range	19.2 – 30 V		92 – 126.5 V	184 – 253 V
Rated current I _N	11 mA	13 mA	7 mA	3.5 mA
Interrupting voltage	<1.7 V		<2.0 V	<7.7 V
Protection device	Reverse diode		Bridge rectifier	
Max. length of connecting lead	DC: 1000 m / AC: 500 m			
Status display input	LED green			
Rated frequency	50 – 60 Hz			
Output				
Contact type	1 changeover contacts / SPDT			
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 AC 15	3 A			
Switching capacity DC 13	1 A @ 24 V 200 mA @ 125 V 100 mA @ 250 V			
Max. switching capacity	1500 VA / 30 W			
Contact material	AgSnO ₂			
Mechanical service life	> 5 x 10 ⁷ operations			
Switch-on delay	5 ms		10 ms	
Shutdown delay	4 ms	10 ms		15 ms
Clearance/creepage. dist. (control/load side)	>5.5 mm			
General				
Housing material	PA 6.6 (UL 94 V-0)			
Colour of the housing	RAL 7012 basalt grey			
Protection class	IP20			
Mounting	DIN rail mountable TS35 (EN 60715)			
Installation position	any			
Insulation voltage input / output	AC 4.0 kV _{eff}			
Rated insulation voltage (EN 50178)	300 V			
Safe isolation	yes			
Operation temperature range	-25 °C ... +60 °C			
Storage temperature range	-40 °C ... +80 °C			
Dimensions (w × h × d)	6.2 × 93.0 × 73.0 mm			
Weight	0.025 kg/piece			
Connection device	Screw terminal single wire 0.25 mm ² –2.5 mm ² / 2.5 mm ² / AWG 20–14 fine stranded wire with ferrule 0.25 mm ² –1.5 mm ² / AWG 20–16		Push-In single wire 0.25 mm ² –2.5 mm ² / AWG 20–14 fine stranded wire with ferrule 0.25 mm ² –1.5 mm ² / AWG 20–16	
Standards	EN 60947-5-1			
Approvals	cULus, DNV GL			

* S Article from stock
 A Available with a lead time
 R Available on request