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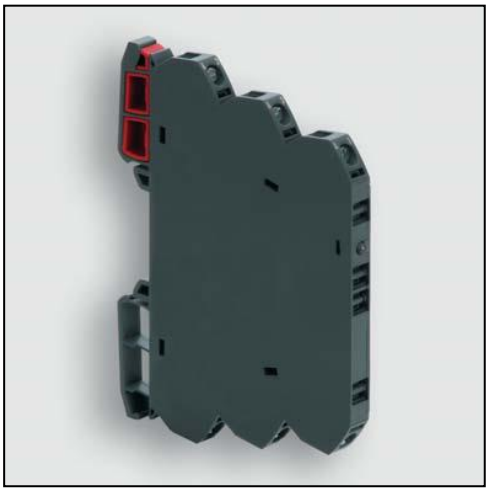
Datasheet

LCIS Relay Module

RS Stock number 888-6837



Identification	Type	LCIS-RGA230UP-S-1U-HTV
	Part-No.	8886837

Input	
Input voltage range	184.0 V – 253.0 V
Nominal voltage	AC/DC 230 V
Rated frequency	50–60 Hz
Rated current	3.5 mA
Interrupting voltage	<23 V
Protection device	Bridge rectifier
Max. length of connecting lead	DC 1000 m / AC 500 m
Status Indication	LED green

Load Side	
Contact type	1 change over contact
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 AC 15	3 A
Switching capacity DC 13	at 24 V: 1 A, at 125 V: 200 mA, at 250 V: 100 mA
Max. switching capacity	1500 VA
Contact material	AgSnO2+ 5 µm HV

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Mechanical service life	> 5 x 10^7 operations
Inrush current	16 A, 4 ms
Switch-on delay	appr. 10 ms
Switch-off delay	appr. 15 ms
Clearance/creep. dist. (control/load side)	>5.5 mm
Protection device output	none
Inrush peak current	<4 ms 16 A

General	
Housing material	PA 6.6 (UL 94 V-0)
Protection class	IP 20
Field installation	rail TS 35 (EN 60175)
Insulation voltage input/output	4.0 kV_{eff}
Safe isolation	yes
Rated insulation voltage (EN 50178)	300 V
Operation temperature range	-25 °C – 60 °C
Storage temperature range	-40 °C – 80 °C
Dimensions (w x h x d)	6.2 x 93.0 x 73.0 mm
Weight (kg/piece)	0.025
Approvals	UL, CSA, GL in preparation
Termination	Screw terminal: solid 0.25 – 2.5 mm^2/ AWG 20 – 14 fine stranded with ferrule 0.25 – 1.5 mm^2/ AWG 20 – 16 Stripping length: 6 mm Screw driver: 3.5 x 0.5 mm
Installation postition	Optional

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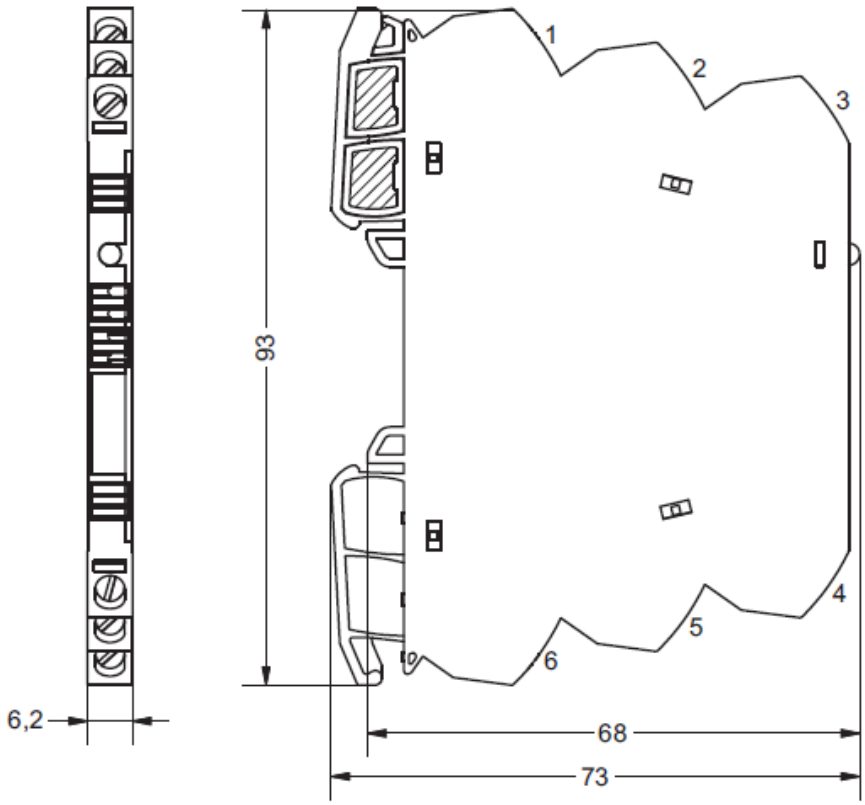
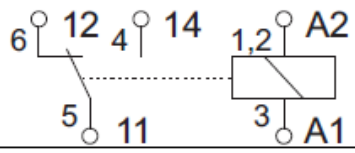
Dimensions



PIN assignment



Accessories

Accessories	Color	Article number	Type	PU
Tag holder (quantity 200)	white (5×5 mm)	8886956	LCIS-ZB-BZS-white-00	1
Tag holder (quantity 120)	white (12×6 mm)	8886950	LCOS-ZB-BZS-white-12/6	1

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.