

Datasheet

LCIS Relay Module

RS Stock number 888-6916

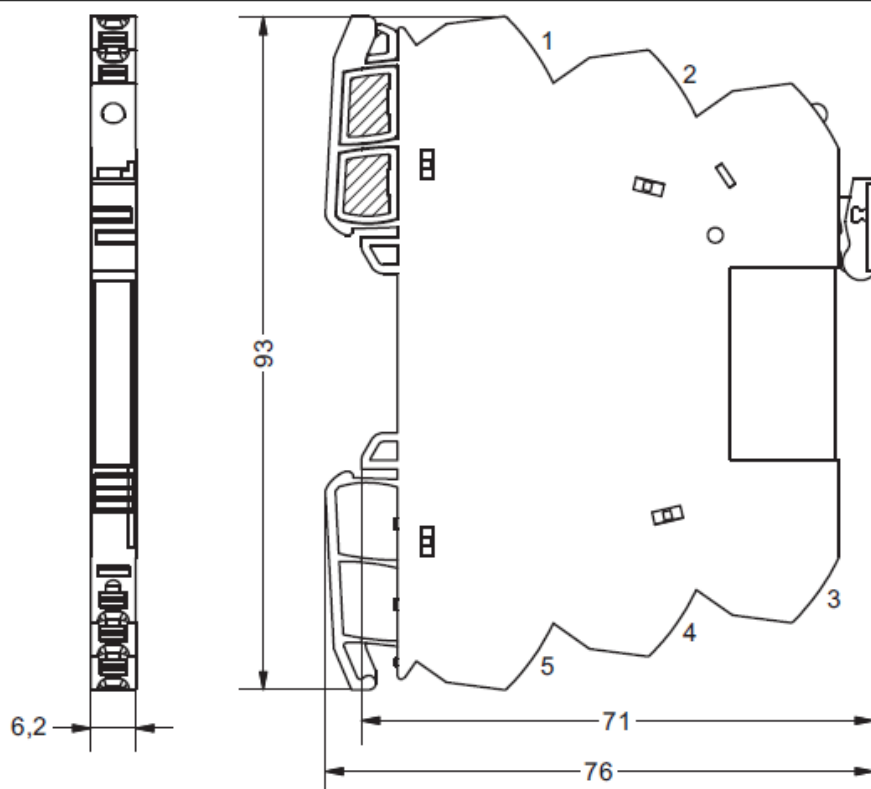
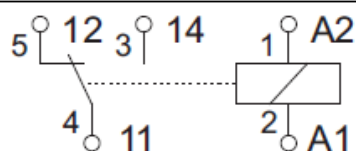


Identification	Type	LCIS-RS230UP-PI-1U-HTV
	Part-No.	8886916
Input		
Input voltage range	184.0 V – 253.0 V	
Nominal voltage	AC/DC 230 V	
Rated frequency	50–60 Hz	
Rated current	3.5 mA	
Interrupting voltage	<23 V	
Protection device	Bridge rectifier	
Max. length of connecting lead	DC 1000 m / AC 500 m	
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	AgSnO ₂ + 5 µm HV	

Mechanical service life	$> 5 \times 10^7$ operations
Switch-on delay	8 ms
Switch-off delay	13 ms
Clearance/creep. dist. (control/load side)	> 5.5 mm

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 × h × d)	6.2 × 93.0 × 76.0 mm
Weight (kg/piece)	0.035
Approvals	UL, CSA, GL in preparation
Termination	Push-In: 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: 8 mm Screw driver: 3.5 x 0.5 mm
Installation position	Optional

Dimensions

PIN assignment

Accessories

Accessories	Color	Article number	Type	PU
Tag holder (quantity 200)	white (5x5 mm)	8886956	LCIS-ZB-BZS-white-00	1
Tag holder (quantity 120)	white (12x6 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.