



Identification	Type Part-No.	LCIS-SR-DC-2L-200091-PI 764020.0091
Description	Semiconductor relay, 2-conductor technology Switching element DC 24 V / DC 0,5 A / 20 kHz	
Input	Rated voltage U_N DC 24 V Input voltage range DC 19.2 – 30 V Rated current I_N +A1: DC 12 mA / +A3: DC 0.7 mA Interrupting voltage <2.7 V Protection device Varistor Reverse diode Status display input LED green Activation voltage >4.2 V	
Output	Switching element Transistor Min. switching voltage DC 5 V Max. switching voltage DC 31.2 V Min. switching current DC 10 mA Max. switching current DC 0.5 A @ 100 % ED	

25.08.2017 – Subject to technical modification

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Technical data sheet · Interface Technology

Derating	DC - Operation: no Derating DC 0.5 A @ \leq DC 24 V \leq 10 kHz DC 0.2 A @ \leq DC 24 V \leq 20 kHz
Inrush current	2.5 A/20 ms @ 1 Hz
Leak current	<10 μ A
Switch-on delay	<15 μ s @ I_{max} , U_N
Shutdown delay	<20 μ s @ I_{max} , U_N
Clearance/creep. dist. (control/load side)	>5.5 mm
Protection device	Suppressor diode
Short circuit	non short-circuit proof
Switching frequency	max. 20 Hz

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	3.75 kV _{eff}
Safe isolation	yes
Operation temperature range	-25 °C ... +70 °C
Storage temperature range	-40 °C ... +80 °C
Dimensions (w × h × d)	6.2 × 93.0 × 73.0 mm
Weight	0.030 kg/piece
Connection device	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 in preparation DNV GL in preparation

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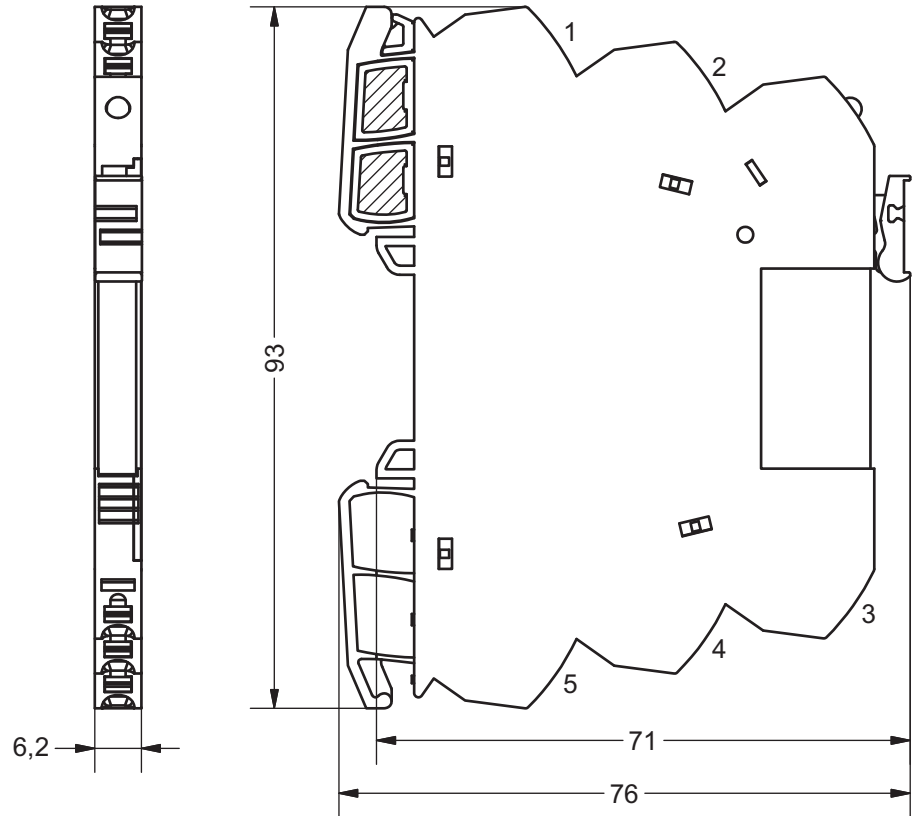
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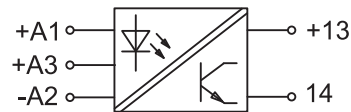


SYSTEMATIC TECHNOLOGY

Dimensions



PIN assignment



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