



<b>Identification</b>	Type Part-No.	LCIS-SR-DC/UC2L-200500-P 764020.0500
<b>Description</b>	Semiconductor relay, 2-conductor technology Switching element AC/DC 240V / 2A	
<b>Input</b>	Rated voltage $U_N$ DC 24 V Input voltage range DC 16.8 – 30 V Rated current $I_N$ DC 9 mA Interrupting voltage <10 V Protection device Varistor Reverse diode Status display input LED green Activation voltage >16.8 V	
<b>Output</b>	Switching element MosFet N/O contact Min. switching voltage AC/DC 2 V Max. switching voltage AC/DC 253 V Min. switching current AC/DC 1 mA Max. switching current AC/DC 2 A @ 100 % ED	

25.08.2017 – Subject to technical modification

Part-No. 764020.0500

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## Technical data sheet · Interface Technology

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Derating	dependence of assembly installed with $\geq 20$ mm: no derating installed without distance: $\leq 60$ °C: max DC 2 A $> 60$ °C: $-25$ mA/°C
Inrush current	10 A/20 ms @ 1 Hz
Leak current	AC: $< 0.2$ mA, DC: $< 1$ $\mu$ A
Switch-on delay	$< 150$ $\mu$ s @ $I_{max}$
Shutdown delay	$< 100$ $\mu$ s @ $I_{max}$
Clearance/creep. dist. (control/load side)	$> 5.5$ mm
Protection device	Varistor
Short circuit	non short-circuit proof
Switching frequency	500 Hz

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### 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	4.0 kV <sub>eff</sub>
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 <sup>2</sup> –2.5 mm <sup>2</sup> / AWG 20–14 fine stranded wire with ferrule 0.25 mm <sup>2</sup> –1.5 mm <sup>2</sup> / AWG 20–16
Standards	EN 60947-5-1
Approvals	cULus in preparation DNV GL in preparation

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**Comments** Inductive loads must be wired with a suitable suppressor element!

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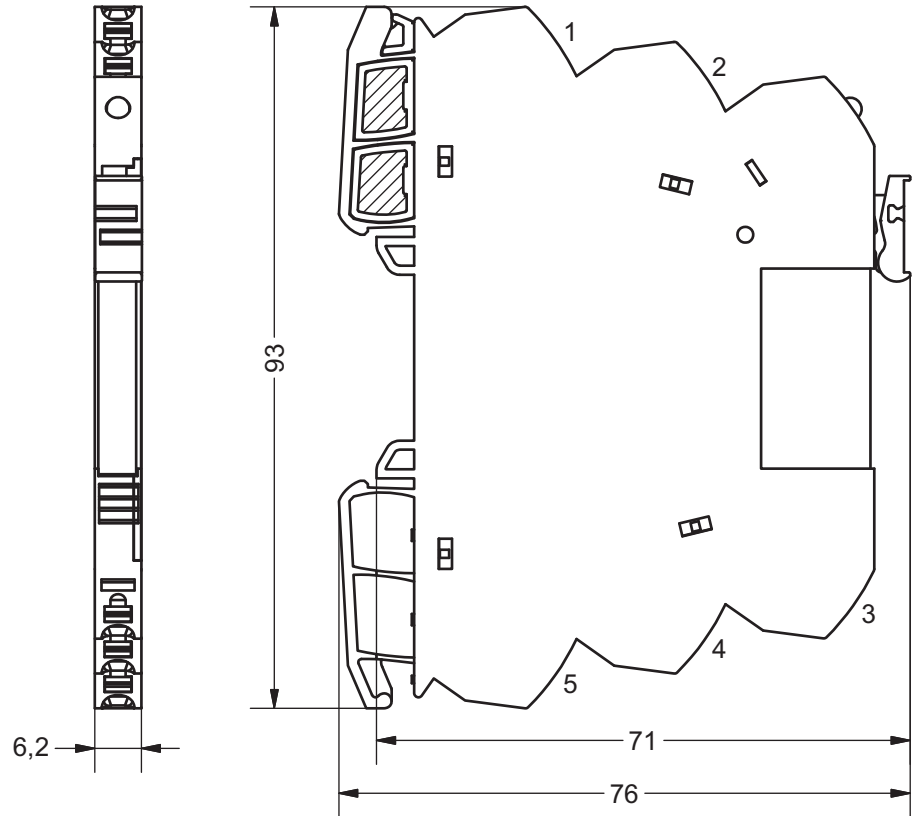
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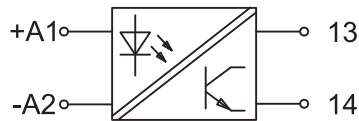


SYSTEMATIC TECHNOLOGY

Dimensions



PIN assignment



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