



Identification	Type Part-No.	LCIS-SR-DC-2L-500140-S 763050.0140
Description	Semiconductor relay, 2-conductor technology Switching element DC 24 V / DC 10 A	
Input	Rated voltage U_N DC 24 V Input voltage range DC 19.2 – 30 V Rated current I_N DC 10 mA Interrupting voltage <14 V Protection device Varistor Reverse diode Status display input LED green Activation voltage >16.8 V	
Output	Switching element MosFet Min. switching voltage DC 10 V Max. switching voltage DC 30 V Min. switching current DC 1 mA Max. switching current DC 10 A @ 100 % ED	

25.08.2017 – Subject to technical modification

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Technical data sheet · Interface Technology

Derating	dependence of assembly installed with ≥ 20 mm: no derating installed without distance: ≤ 60 °C: max DC 10 A > 60 °C: -50 mA/°C
Inrush current	50 A/20 ms @ 1 Hz
Leak current	< 10 μ A
Switch-on delay	< 250 μ s @ I_{max}
Shutdown delay	< 150 μ s @ I_{max}
Clearance/creep. dist. (control/load side)	> 5.5 mm
Protection device	Varistor
Short circuit	non short-circuit proof
Switching frequency	1 kHz

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 _{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	Screw terminal 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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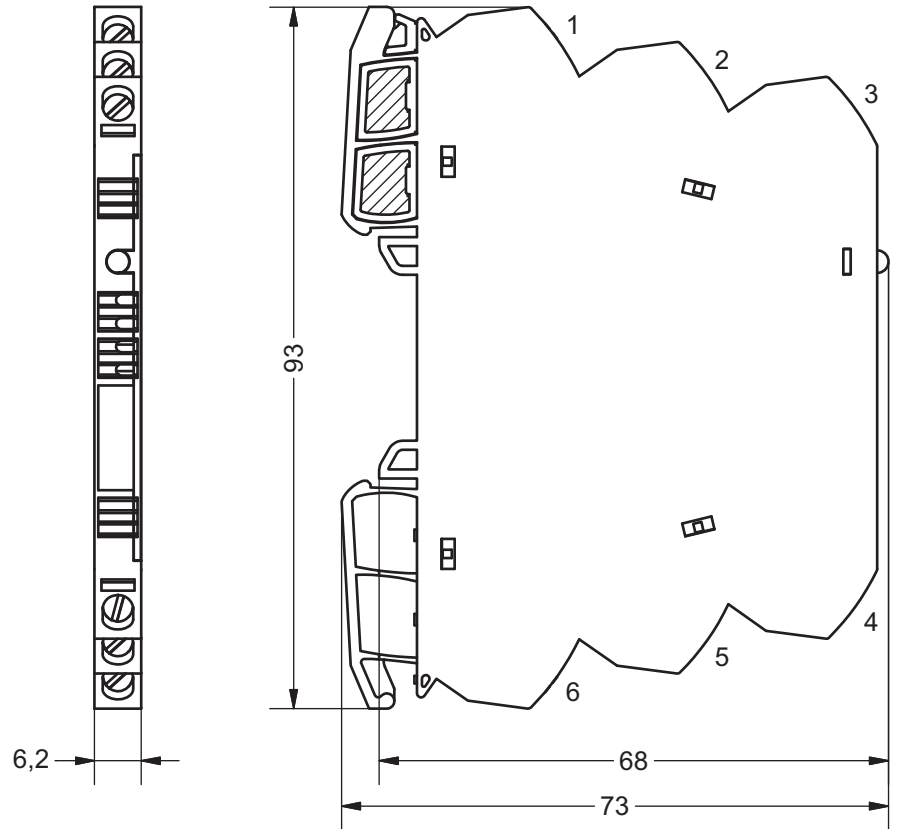
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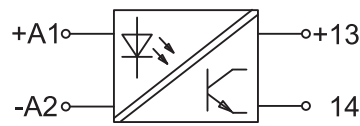


SYSTEMATIC TECHNOLOGY

Dimensions



PIN assignment



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