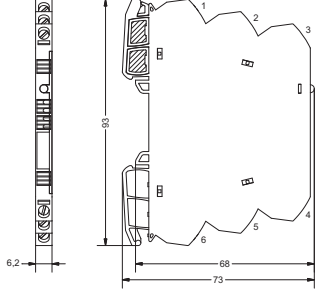


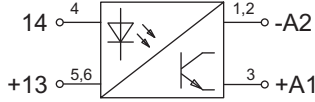
Interface Technology - LCIS Solid State Relay



Dimensions



PIN assignment

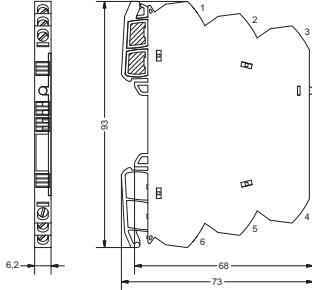


Description	Part-No.	Type	PU	
Screw terminal				
Nominal voltage	DC 24 V	763020.0120	LCIS-SR-DC-2L-200120-S	5
load	DC 60 V / 2 A			
	DC 24 V	763020.0110	LCIS-SR-DC-2L-200110-S	5
	DC 60 V / 0,5 A			
Push-In				
Nominal voltage	DC 24 V	764020.0120	LCIS-SR-DC-2L-200120-PI	5
load	DC 60 V / 2 A			
	DC 24 V	764020.0110	LCIS-SR-DC-2L-200110-PI	5
	DC 60 V / 0,5 A			
Input				
Input voltage range			11.0 – 30.0 V	
Rated current			> 4 mA	
Interrupting voltage			–	
Protection device			Varistor	
Status Indication			LED green	
Rated frequency			–	
Output				
Switching element			MosFet, NO contact	
Min. switching voltage			DC 10 V	
Max. switching voltage			DC 60 V	
Min. switching current			1 mA	
Max. switching current		2 A		0.5 A
Inrush current			–	
Leakage current			< 10 µA	
Switch-on delay	< 150 µs			< 250 µs
Switch-off delay	< 300 µs			< 2 µs
Switching frequency	1 kHz			50 Hz
Clearance/creep. dist. (control/load side)			–	
Protection device output			Varistor	
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	
Operation temperature range			-25 °C – 60 °C	
Storage temperature range			-40 °C – 85 °C	
Dimensions (w × h × d)			6.2 × 93.0 × 73.0 mm	
Weight (kg/piece)			0.030	
Approvals			UL, CSA, GL in preparation	
Termination	Screw terminal: solid		Push-In: solid	
	0.25 – 2.5 mm ² / AWG 20 – 14		0.25 – 2.5 mm ² / AWG 20 – 14	
	fine stranded with ferrule		fine stranded with ferrule	
	0.25 – 1.5 mm ² / AWG 20 – 16		0.25 – 1.5 mm ² / AWG 20 – 16	
	Stripping length: 6 mm		Stripping length: 8 mm	
	Screw driver: 3.5 x 0.5 mm		Screw driver: 3.5 x 0.5 mm	

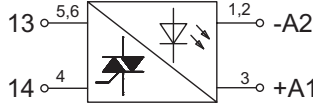
Interface Technology - LCIS Solid State Relay



Dimensions



PIN assignment

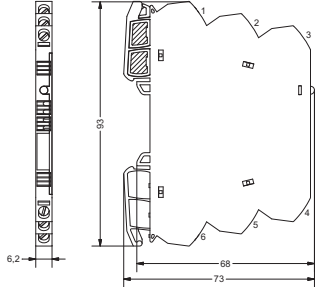


Description	Part-No.	Type	PU	
Screw terminal				
Nominal voltage	DC 24 V	763020.0220	LCIS-SR-DC/AC-2L-200220-S	5
Push-In				
Nominal voltage	DC 24 V	764020.0220	LCIS-SRDC/AC2L-200220-PI	5
Input				
DC 24 V				
Input voltage range	11.0 – 30.0 V			
Rated current	9.0 mA			
Interrupting voltage	<9 V			
Protection device	Varistor			
Status Indication	LED green			
Rated frequency	–			
Output				
Switching element	Triac, NO contact (zero-voltage switching)			
Min. switching voltage	AC 20 V			
Max. switching voltage	AC 264 V			
Min. switching current	5 mA			
Max. switching current	2 A			
Inrush current	–			
Leakage current	1 mA			
Switch-on delay	< 10 ms			
Switch-off delay	< 10 ms			
Switching frequency	10 Hz			
Clearance/creep. dist. (control/load side)	>5.5 mm			
Protection device output	Varistor			
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			
Operation temperature range	-25 °C – 60 °C			
Storage temperature range	-40 °C – 85 °C			
Dimensions (w × h × d)	6.2 × 93.0 × 73.0 mm			
Weight (kg/piece)	0.030			
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	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		

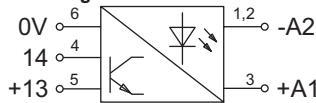
Interface Technology - LCIS Solid State Relay



Dimensions



PIN assignment

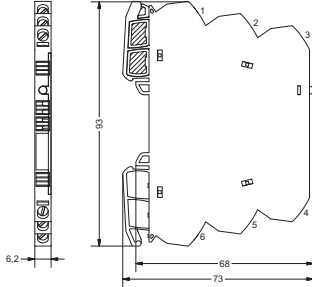


Description	Part-No.	Type	PU	
Screw terminal				
Nominal voltage	AC/DC 110–230 V	763080.0350	LCIS-SRKFAC/DC3L-800350S	5
Push-In				
Nominal voltage	AC/DC 110–230 V	764080.0350	LCIS-SRKFAC/DC3L-800350Pin	5
Input				
AC/DC 110–230 V				
Input voltage range	110.0 – 230.0 V			
Rated current	– mA			
Interrupting voltage	–			
Protection device	Varistor			
Status Indication	LED green			
Rated frequency	–			
Output				
Switching element	MosFet, NO contact			
Min. switching voltage	DC 10 V			
Max. switching voltage	DC 30 V			
Min. switching current	1 mA			
Max. switching current	3 A			
Inrush current	–			
Leakage current	<100 µA			
Switch-on delay	< 0.3 ms			
Switch-off delay	< 0.4 ms			
Switching frequency	10 Hz			
Clearance/creep. dist. (control/load side)	–			
Protection device output	Suppressor diode			
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			
Operation temperature range	-25 °C – 60 °C			
Storage temperature range	-40 °C – 80 °C			
Dimensions (w × h × d)	6.2 × 93.0 × 73.0 mm			
Weight (kg/piece)	0.030			
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	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		

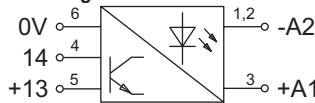
Interface Technology - LCIS Solid State Relay



Dimensions



PIN assignment

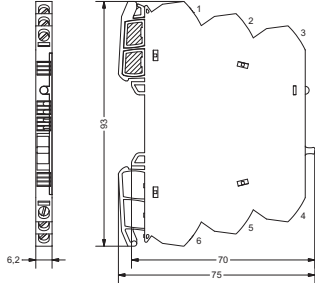


Description	Part-No.	Type	PU	
Screw terminal				
Nominal voltage	DC 24 V	763020.0320	LCIS-SRKF-DC-3L-200320-S	5
	DC 24 V	763020.0330	LCIS-SRKF-DC-3L-200330-S	5
Push-In				
Nominal voltage	DC 24 V	764020.0320	LCIS-SRKFDC3L-200320-PI	5
	DC 24 V	764020.0330	LCIS-SRKFDC3L-200330-PI	5
Input				
DC 24 V				
Input voltage range	11.0 – 30.0 V			
Rated current	– mA			
Interrupting voltage	–			
Protection device	Supressor diode			
Status Indication	LED green			
Rated frequency	–			
Output				
Switching element	MosFet, NO contact			
Min. switching voltage	DC 10 V			
Max. switching voltage	DC 30 V			
Min. switching current	5 mA			
Max. switching current	2 A		5 A	
Inrush current	–			
Leakage current	< 100 µA		1 mA	
Switch-on delay	< 0,3 ms			
Switch-off delay	< 0,4 ms			
Switching frequency	100 Hz			
Clearance/creep. dist. (control/load side)	–			
Protection device output	Supressor diode			
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			
Operation temperature range	-25 °C – 60 °C			
Storage temperature range	-40 °C – 85 °C			
Dimensions (w × h × d)	6.2 × 93.0 × 73.0 mm			
Weight (kg/piece)	0.030			
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		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	

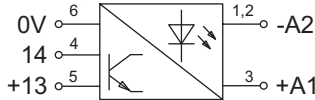
Interface Technology - LCIS Solid State Relay



Dimensions



PIN assignment



Description	Part-No.	Type	PU	
Screw terminal				
Nominal voltage	DC 24 V	763020.0360	LCIS-SRKFDC3L-200320-SH0S	5
Push-In				
Nominal voltage	DC 24 V	764020.0360	LCIS-SRKFDC3L-200320-PIH0S	5
Input				
DC 24 V				
Input voltage range	11.0 – 30.0 V			
Rated current	– mA			
Interrupting voltage	–			
Protection device	Supressor diode			
Status Indication	LED green			
Rated frequency	–			
Output				
Switching element	MosFet, NO contact			
Min. switching voltage	DC 10 V			
Max. switching voltage	DC 30 V			
Min. switching current	5 mA			
Max. switching current	5 A			
Inrush current	–			
Leakage current	1 mA			
Switch-on delay	< 0,3 ms			
Switch-off delay	< 0,4 ms			
Switching frequency	100 Hz			
Clearance/creep. dist. (control/load side)	–			
Protection device output	Supressor diode			
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			
Operation temperature range	-25 °C – 60 °C			
Storage temperature range	-40 °C – 85 °C			
Dimensions (w × h × d)	6.2 × 93.0 × 73.0 mm			
Weight (kg/piece)	0.030			
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	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		