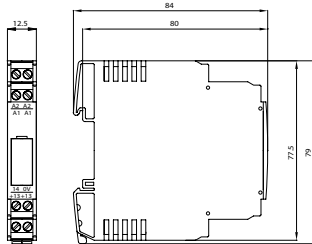


# Interface Technology · Microcompact Solid State Relay

**DC Solid State Relay, 3 wire, plus switching**  
**Switching element DC 30 V; 5 A; 10 A**  
**Screw-/Spring terminal**

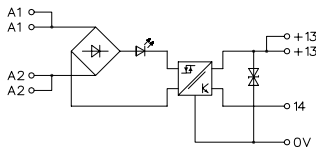


## Dimensions

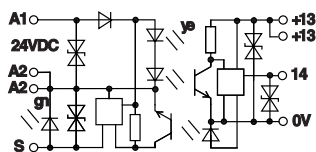


## PIN assignment

### DC 24 V / 5 A

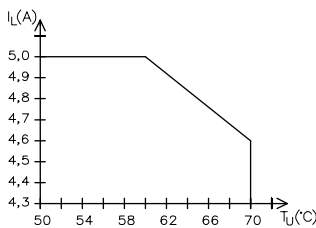


### DC 24 V / 10 A

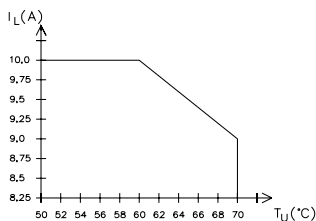


## Derating

### DC 24 V / 5 A



### DC 24 V / 10 A



Description	Part-No.	Type	PU	
<b>Screw terminal</b>				
Rated voltage	DC 24 V / 5 A	760105	OT 6-0105 DC 24 V	2
	DC 24 V / 10 A	760708	OT 6-0708 DC 24 V	1
<b>Spring terminal</b>				
Rated voltage	DC 24 V / 5 A	761105	OT 6-1105 DC 24 V	2
	DC 24 V / 10 A	761708	OT 6-1708 DC 24 V	1
<b>Input</b>				
	<b>DC 24 V / 5 A</b>	<b>DC 24 V / 10 A</b>		
Input voltage range	11.0 – 30.0 V	16.0 – 30.0 V		
Rated current	18.0 mA	22.0 mA		
Interrupting voltage		<5 V		
Protection device	Bridge rectifier	Reverse diode, Suppressor diode		
Status indication	LED yellow	LED yellow, Switching current > 3 A: LED green		
Rated frequency		–		
<b>Output</b>				
Switching element		Transistor, N/O contact		
Min. switching voltage		DC 10 V		
Max. switching voltage		DC 30 V		
Min. switching current		DC 500 mA		
Max. switching current	DC 5 A (Derating)	DC 10 A (Derating)		
Inrush current		–		
Leakage current		<20 µA		
Switch-on delay	260 µs	0.1 ms		
Switch-off delay	4 µs	7 ms		
Switching frequency	<500 Hz	<50 Hz		
Clearance/creep. dist. (contol/load side)		>5.5 mm		
Protection device output		Supressor diode		
<b>General</b>				
Housing material		PPE		
IP rating		IP 20		
Field installation		rail TS 35 (EN 50022)		
Insulation voltage input/output		4 kVeff		
Safe isolation		yes		
Operation temperature range		-25 °C – 60 °C		
Storage temperature range		-40 °C – 80 °C		
Dimensions (w × h × d)		12.5 × 79.0 × 84.0 mm		
Weight (kg/piece)		0.049		
Approvals		DC 24 V / 5 A : cULus		
Termination		Screw-/spring terminal 0.25–2.5 mm <sup>2</sup>		