

SDI Series Solid Relay

SDI series is normally open type

● Slim shape, high density electronic packaging

● DC-Input DC-Output, load current output 2A to 5A



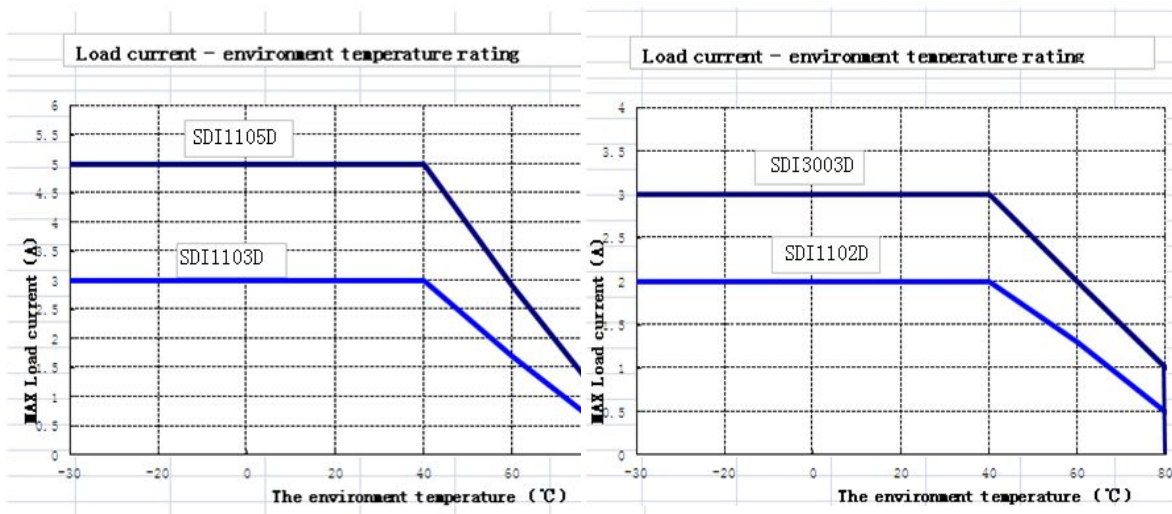
Species

Insulation way	Distance between the input terminal	LED instructions	Output Load	Rated input voltage	Model
Photoelectric isolation	5mm	No LED	2A	12-110VDC	SDI1102D
	7.6mm	LED	3A	12-110VDC	SDI1103D
	7.6mm	LED	5A	12-110VDC	SDI1105D
	7.6mm	LED	3A	12-300VDC	SDI3003D
	7.6mm	LED	5A	12-300VDC	SDI3005D

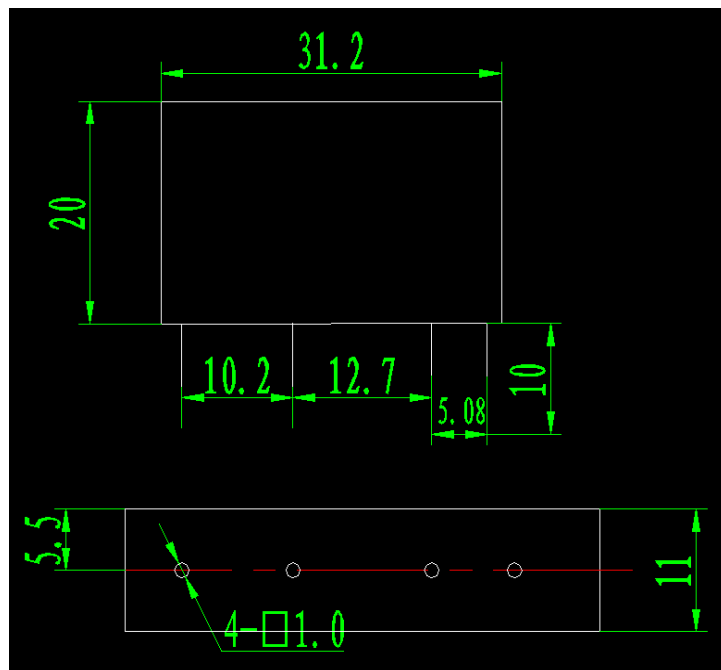
Performance and related technical parameters

Product model	Main technical parameters				
	SDI1102D	SDI1103D	SDI1105D	SDI3003D	SDI3005D
Load voltage	12-110VDC			12-300VDC	
Max Load current	2A	3A	5A	3A	5A
Isolation bet. In & out	$\geq 2000\text{VAC}$				
Isolation to case	$\geq 2500\text{VAC}$				
Control voltage	3-15VDC或15-28VDC				
Control current	3-30mA				
Turn-on voltage	$\leq 1.3\text{V}$				
off-state leakdge	$\leq 0.05\text{mA}$				
on or off time	$\leq 0.1\text{mS}$				
Status indicator	No LED	LED	LED	LED	LED
Operating temperature	$-40\sim 80^{\circ}\text{C}$				

Reference data



Installation dimensions



Matters needing attention

According to the use condition, When the SSR environment temperature is high, it need to reduce the load current and the heat.