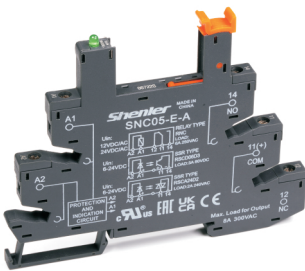


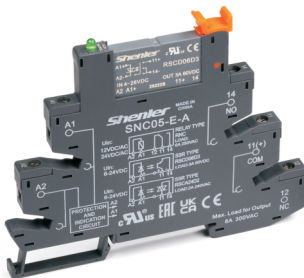
Relay

+

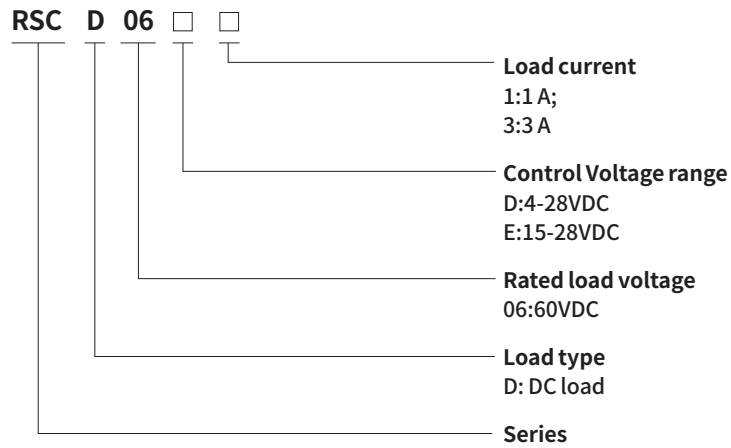


Socket

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Relay Module



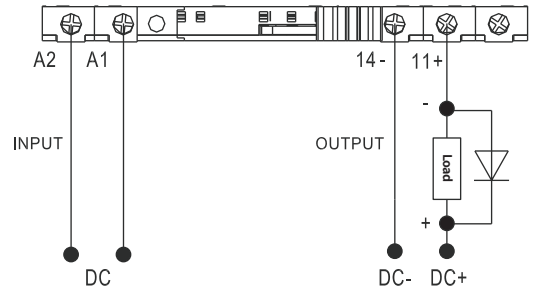
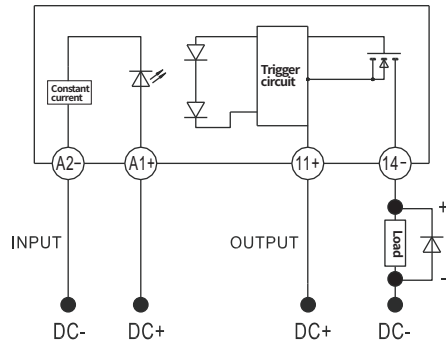
Product performance

Input parameter(Ta=25°C)				
Part No.	RSCD06D1	RSCD06D3	RSCD06E1	RSCD06E3
Control voltage range	4~28VDC		15~28VDC	
Must turn-on voltage	4VDC		15VDC	
Must turn-off voltage	1VDC		5VDC	
Control current range	20mA			
Output parameters(Ta=25°C)				
Part No.	RSCD06D1	RSCD06E1	RSCD06D3	RSCD06E3
Rated load voltage	60VDC			
Load voltage range	5~60VDC			
Peak withstand voltage	100VDC			
Load current range	0.002~1A		0.002~3A	
Non-repetitive surge current (within 10ms)	16A		30A	
Maximum on-state voltage drop (at rated current)	≤1.3V		≤0.1V	
Maximum off-state leakage current (at rated voltage)	≤0.1mA			
Maximum turn-on time	≤1ms			
Maximum turn-off time	≤1ms			
Load current safety factor	40~60%			
Other parameters(Ta=25°C)				
Dielectric withstand voltage (Input / Output,50Hz/60Hz)	2500VAC			
Insulation resistance(@500VDC)	1000MΩ			
Operating temperature range	-30°C~+80°C			
Storage temperature range	-30°C~+100°C			
Weight	4g			

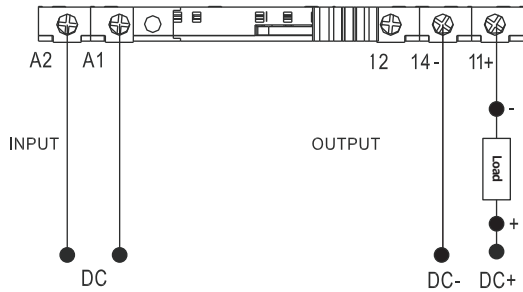
Note:

- 1.When welding and installing the printed substrate, please complete the welding within 8 seconds at 260°C welding temperature (no more than 2 seconds for each pin).
- 2.The positive and negative polarity of input and output shall not be connected wrongly,otherwise it is easy to damage the product.
- 3.The recommended installation torque for base wiring is 0.5N m.
- 4.When the ambient temperature of the product is high, please refer to the temperature curve for derating.
- 5.When connecting inductive load, be sure to reverse parallel the freewheeling diode at the load end (see the wiring diagram for the specific connection method)!

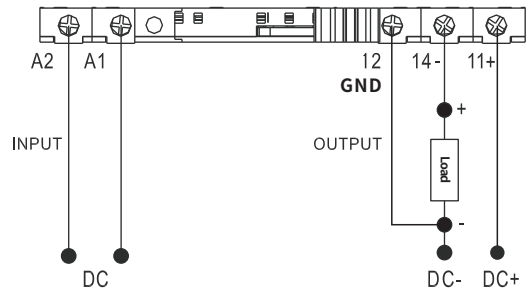
Wiring diagram



**WITH SOCKET SNC05-E-A
For Resistive Load**

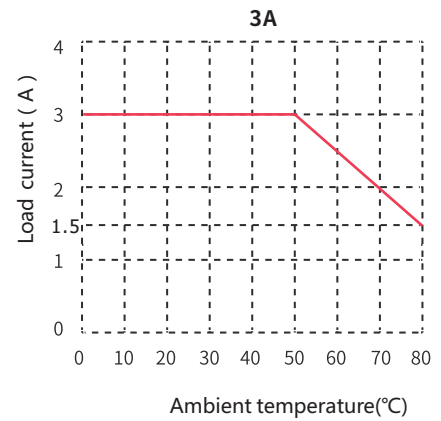
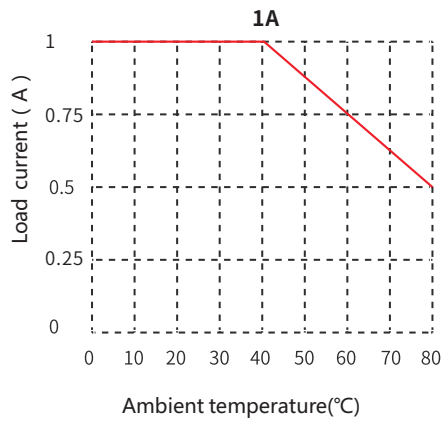


**WITH SOCKET SNB05-E-A
For Resistive Load**

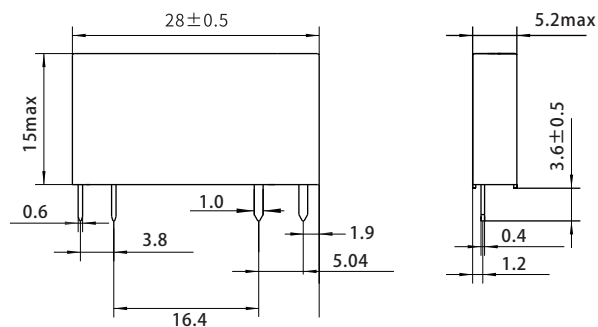


**WITH SOCKET SNB05-E-A D
For Inductive load**

Contact Specification



Dimension(mm)



SNB05-E-A

Solid state slim relay
PCB socket

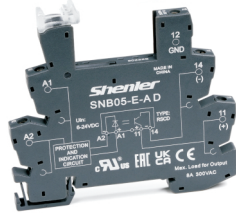


Characteristics

Model No.	Input	Relay
★ SNB05-E-A	6~24VDC	4~28VDC
★ SNB05-E-A D	6~24VDC	4~28VDC

Characteristics

Nominal load	Current	A	8
	Voltage	V	300
Dielectric strength	Input/Output	V/min	2500
Max. tightening torque		Nm	0.5
Wire size		AWG/mm ²	20-16/0.5-1.5
Ambient temperature		°C	-40~+85
Unit weight		g	19.5



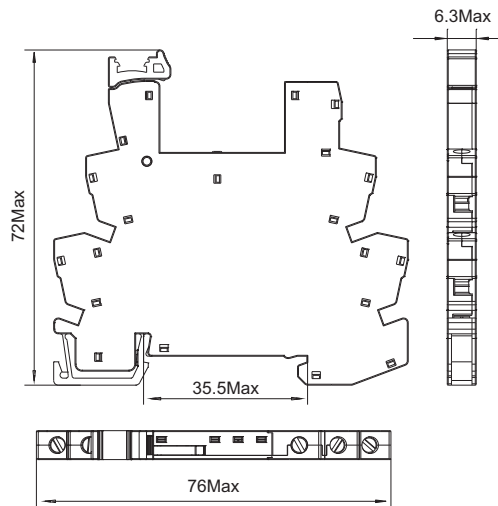
SNB05-E-A

Accessories

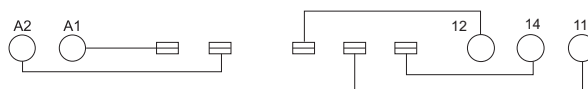
Bus jumper	Legend
 SN20A	 SN64P

★ Difference refer to wiring diagram

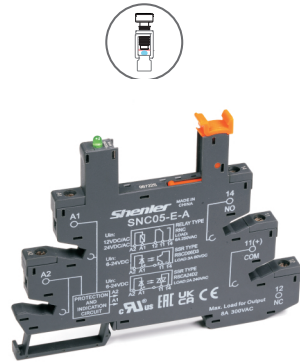
Dimensions (mm)



Connection Diagrams



Characteristics



SNC05-E-A

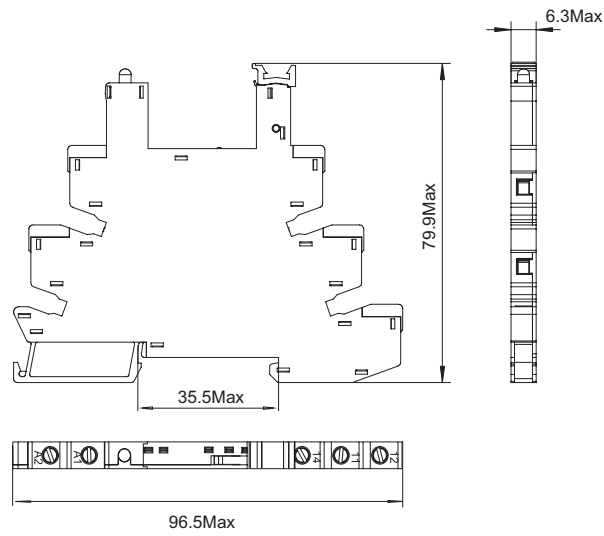
Model No.	Input	Relay
SNC05-E-A	6~24VDC	4~28VDC

Characteristics			
Nominal load	Current	A	8
	Voltage	V	300
Dielectric strength	Input/Output	V/min	2500
Max. tightening torque		Nm	0.5
Wire size		AWG/mm ²	20-16/0.5-1.5
Ambient temperature		°C	-40~+85
Unit weight		g	24

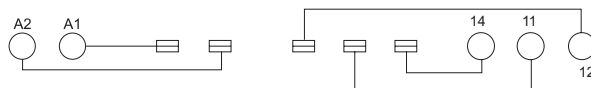
Relay, accessories Selection Table

Bus jumper	Legend	Partition plate
		
SN20B	SN64P	SN20S

Dimensions (mm)



Connection Diagrams



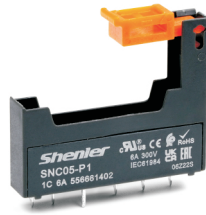
SNC05-P1

Solid state slim relay
PCB socket



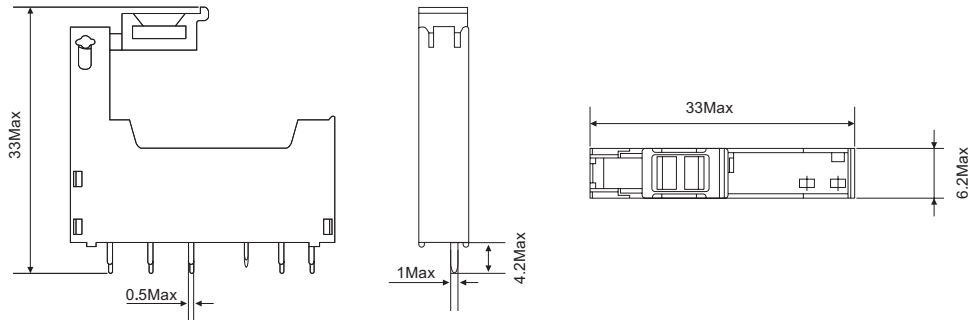
Product performance

SNC05-P1

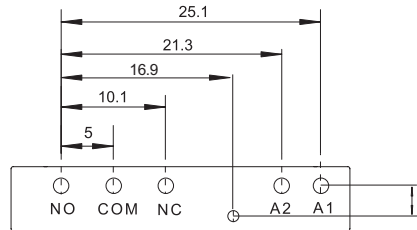


Nominal load	Current	A	6
	Voltage	V	300
Dielectric strength	Input/output	V/min	2500
Ambient temperature		°C	-40~+85
Unit weight		g	2.6

Dimension (mm)



Wiring Diagram



Physical drawing of product application

