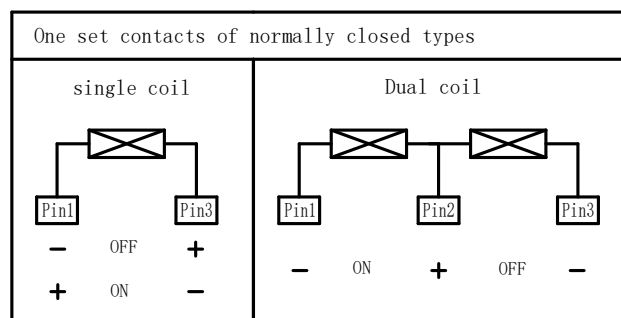


### Positive coil type



One set contacts of normally closed types

Pin1                      Pin3

—      ON                      +

+      OFF                      —

Pin1                      Pin2                      Pin3

+      ON                      —      OFF                      +

## Model naming rules

<b>SY506</b>	<b>-90</b>	<b>-S</b>	<b>-1</b>	<b>12</b>	<b>D</b>	<b>M</b>	<b>1</b>	<b>R</b>	<b>XX</b>	
										Special parameters:
										None - standard type,
										XX - customer required type
										L-Indicates the heightening structure of the shell
										Drive polarity: None- Positive coil type, R- indicates reverse polarity
										Coil type: 1- means single coil; 2- means dual coil
										Contact type:
										M - indicates A type (normally open type)
										B - indicates B type (normally closed type)
										Coil Power Consumption: D - Standard Type
										Coil Specifications (VDC): 06, 09, 12, 24, 48
										Number of contact groups: 1- means 1 group
										Packaging type:
										S- Indicates plastic packaging,
										SH-Indication seal type
										Rated current: 90-90A
										Type: SY506

Customized special suffix is available after being evaluated by Sanyou.

## Examples of Ordering Codes

SY506-90-S-112DM1R

Relay SY506, Rated current 90 A, Indicates plastic packaging S, Group 1, Coil Specifications 12 VDC, Standard Type D, 1 Form A, single coil, indicates reverse polarity R

## Cautions

1. The original position of latching relay is "closed" when shipping. It is possible that during transit or installation, the relay may change its state to be "open" position, it is recommended to set the relay in to state needed via apply voltage to the coil.
2. In order to let relay operate normally, the voltage which apply to the coil should reach to the rated voltage, the pulse width should be 50ms to 100ms Do not energize both coil at the same time on Dual coil or energize the coil for longer than minute.
3. Relay without copper wire, the terminal can not be soldered, bend, and rigid fasten both two terminals.
4. Keep away from corrosive gas and other condition which may damage the relay.

## Disclaimer

This product specification is for reference only and may change without prior notice. Customers should select the appropriate product model according to the performance parameter requirements of their specific application areas. The customer will bear the responsibility and loss caused by improper selection. For more technical support, please contact Sanyou Corporation Limited.