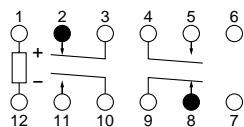


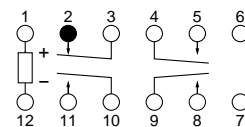
## Schematic (Bottom view)

### Single side stable Deenergized position

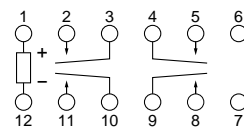
2a2b



3a1b



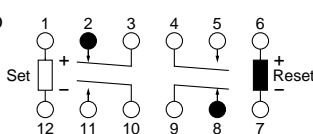
4a



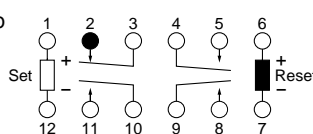
### 2 coil latching

Diagram shows the "reset" position when terminals 6 and 7 are energized. Energize terminals 1 and 12 to transfer contacts.

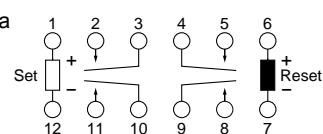
2a2b



3a1b

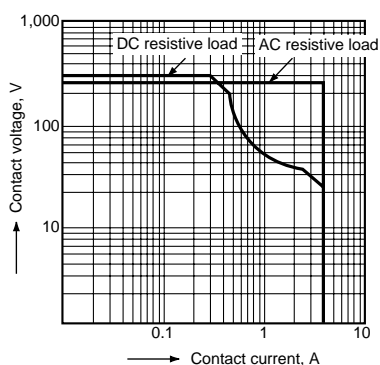


4a

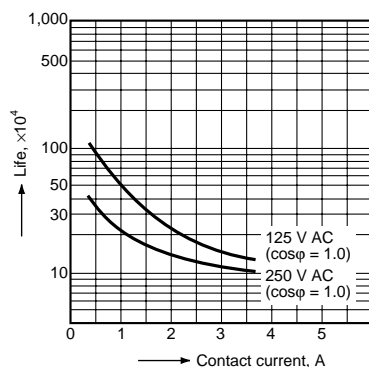


## REFERENCE DATA

### 1. Maximum switching power

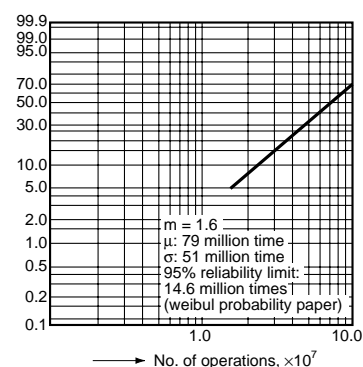


### 2. Life curve



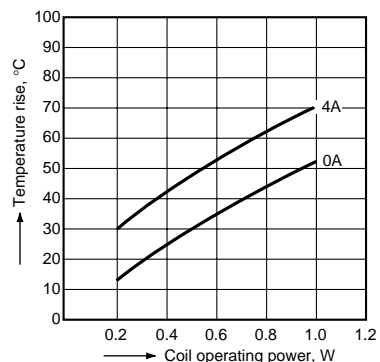
### 3. Contact reliability

Condition: 1V DC, 1mA  
Detection level 10  $\Omega$   
Tasted Sample: S4-24V, 10pcs



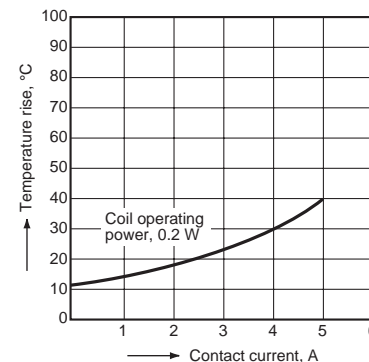
### 4.-(1) Coil temperature rise

Tested Sample: S4-24V, 4 Form A



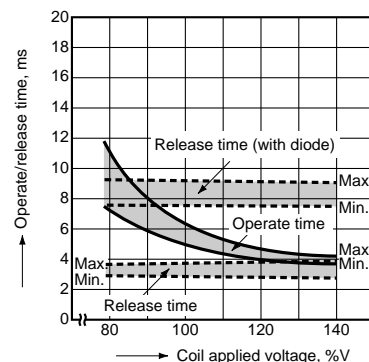
### 4.-(2) Coil temperature rise

Tested Sample: S4-24V, 4 Form A

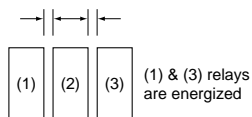


### 5. Operate and release time (Single side stable type)

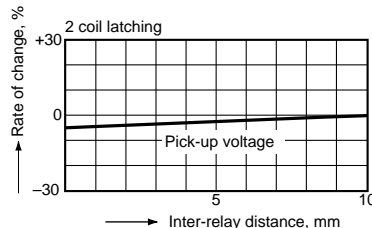
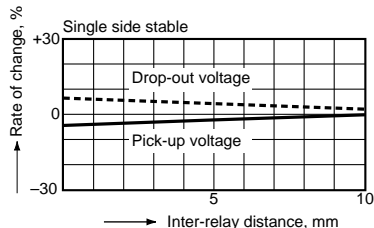
Tested Sample: S4-24V, 10pcs



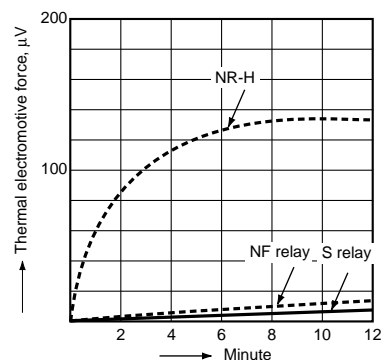
### 6. Influence of adjacent mounting



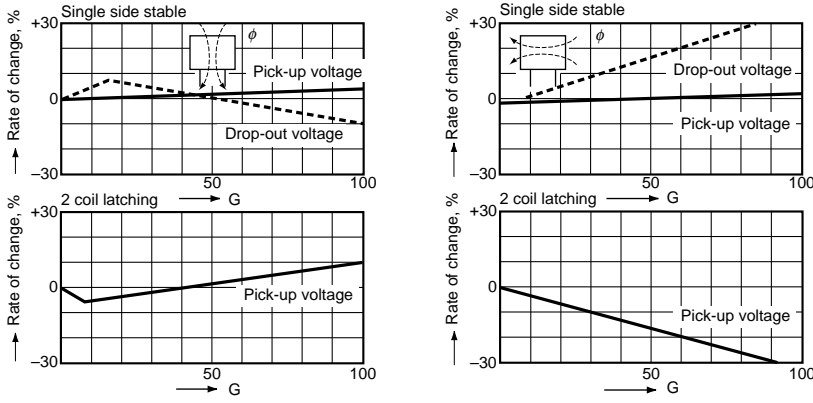
Note: When installing an S-relay near another, and there is no effect from an external magnetic field, be sure to leave at least 10 mm .394 inch between relays in order to achieve the performance listed in the catalog.



### 7. Thermal electromotive force



8. Effect from an external magnetic field



ACCESSORIES



S Relay Socket, S-PS

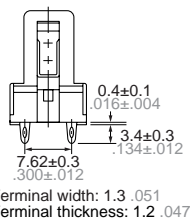
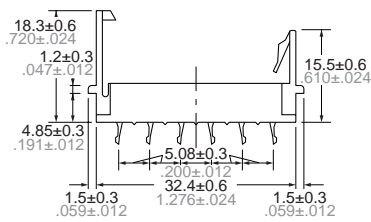
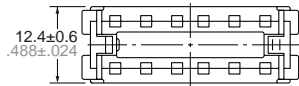
Specifications

Breakdown voltage	1,500 Vrms between terminals
Insulation resistance	More than 100 MΩ between terminals at 500 V DC Mega
Heat resistance	150 ±3°C (302 ±5.4°F) for 1 hour.
Maximum continuous current	4 A

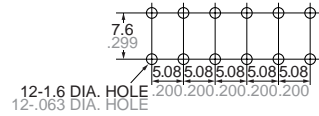
(Note: Don't insert or remove relays while in the energized condition.)

Dimensions

mm inch

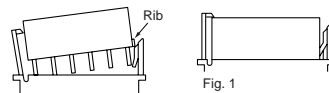


PC board pattern (Copper-side view)



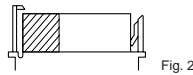
Inserting and removing method

Inserting method: Insert the relay as shown in Fig. 1 until the rib of the relay snaps into the clip of the socket.



Removing method:

(1) Remove the relay straight from the socket holding the shaded portion of the relay as shown in Fig. 2.



(2) When sockets are mounted in close proximity, use a slotted screw driver as shown in Fig. 3.

