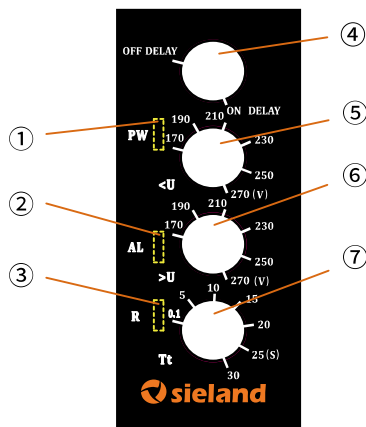


## MD6SUV-X 170-270V Single phase relays specification



- ① PW: green LED, power supply indication
- ② AL :yellow LED, alarm indication
- ③ R :yellow LED, relay status indication
- ④ On/off delay :delay mode setting
- ⑤ <U : undervoltage setting
- ⑥ >U : overvoltage setting
- ⑦ Tt : delay time value setting

### Products features:

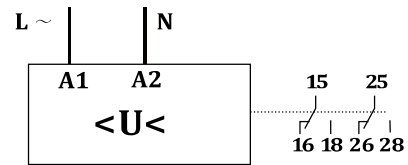
- Monitoring self-power supply: 170 - 270V AC
- Two delay mode available: On delay/off delay can be selected on the panel

### Technical data:

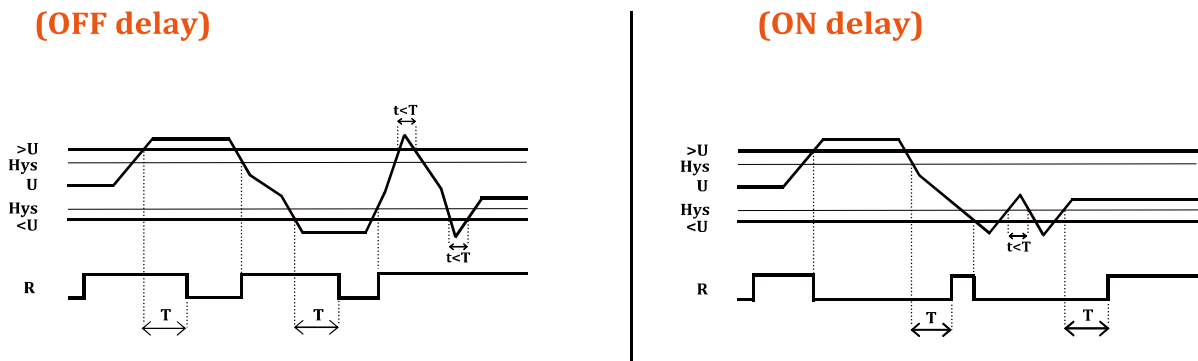
Rated voltage : 170 - 270V AC  
 Undervoltage: 170 - 270V AC  
 Overvoltage: 170 - 270V AC  
 Hysterisys : 0.5V  
 Time delay : 0.1s - 30s  
 Relay output: 2 c/o  
 Repeatability:  $\pm 0.5\%$   
 Temp. drift:  $\pm 0.05\%/^{\circ}\text{C}$   
 Voltage drift:  $\pm 1\%/V$   
 Relay capacity: 8A/250VAC  
 Electrical durability:  $10^5$  cycles  
 Mechanical durability:  $10^7$  cycles  
 IP degree: IP50/IP20  
 Operation Temp. :  $-40^{\circ}\text{C} \dots 60^{\circ}\text{C}$   
 Storage Temp. :  $-40^{\circ}\text{C} \dots 85^{\circ}\text{C}$   
 Size: 22.5\*92\*100 mm  
 Mounting: 35mm DIN rail  
 Standards: IEC60255-1、GB14048.5

Reference figure for MD6SUV-X 170-270V:

**T: 0.1s-30s**  
**L-N: 170 - 270V AC**  
**— : 8A 250V AC**



Function figure:



Example

■ Single phase voltage monitoring

Setting:

OFF delay

<U: Undervoltage threshold setting: 190V

>U: Overvoltage threshold setting: 250V

Delay time value setting: 5s

Conclusion:

When voltage is between 190V and 250V, voltage is normal, relay c/o switch on, led R turn on, led AL turn off

When voltage is over 250V, overvoltage fault occur, if the fault last for 5s, relay c/o switch off, led R turn off, led AL fast flash

When voltage is under 190V, undervoltage fault occur, if the fault last for 5s, relay c/o switch off, led R turn off, led AL slow flash