

SSR SERIES SOLID STATE RELAY

PRODUCT INTRODUCTION

SSR series solid state relay produced by Yudian adopts constant current drive circuit for high-end relays. The typical drive current is constant at 5~6mA, with low power consumption and high reliability. With the photoelectric coupling zero-crossing trigger, it has the advantages of small interference to the power grid and high insulation withstand voltage. The output adopts a varistor to absorb the peak voltage of the power grid, and the leakage current is small and can be used reliably for a long time.



FUNCTIONS AND FEATURES

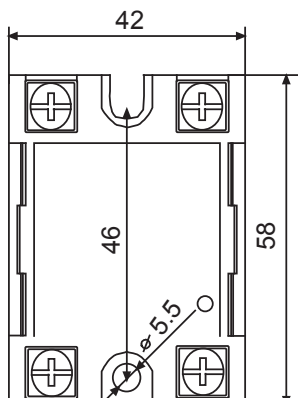
- Input voltage: 3V~32V
- Input current: ≤8mA
- Turn-off voltage: ≥1.2V
- Control mode: zero-crossing trigger
- State voltage drop(V_{pk}): ≤1.2V
- Leakage current: ≤2mA
- Response time: <10ms
- Installation: bolting
- Insulation strength: ≥2500V
- Insulation resistance: ≥100M
- Rate of voltage index rise(dv/dt): ≥500VUS
- Work instruction: LED light
- Work temperature: -20℃~80℃
- Shell: inflaming retarding& insulating
- Weight: 85g

MODEL & SPECIFICATION

Model	Rated Current	Rated working voltage
SSR12	12A	24~240VAC
SSR15	15A	24~240VAC
SSR20	20A	24~240VAC
SSR25	25A	24~240VAC
SSR40	40A	24~240VAC
SSR40H	40A	24~415VAC

ATTENTION: Heat sink optional

INSTALLATION DIMENSION



WIRING DIAGRAM

