

Katı Hal Rölesi (SSR), hareketli kontağı olmayan bir röledir. Çalışma prensibi açısından SSR'ler, hareketli kontakları olan mekanik rölelerden çok farklı değildir. Ancak SSR'ler, tristörler, triyaklar, diyotlar ve transistörler gibi yarı iletken anahtarlama elemanları kullanır.

A Solid State Relay (SSR) is a relay that does not have a moving contact. In terms of operation, SSRs are not very different from mechanical relays that have moving contacts. SSRs, however, employ semiconductor switching elements, such as thyristors, triacs, diodes, and transistors.

Brief Data:

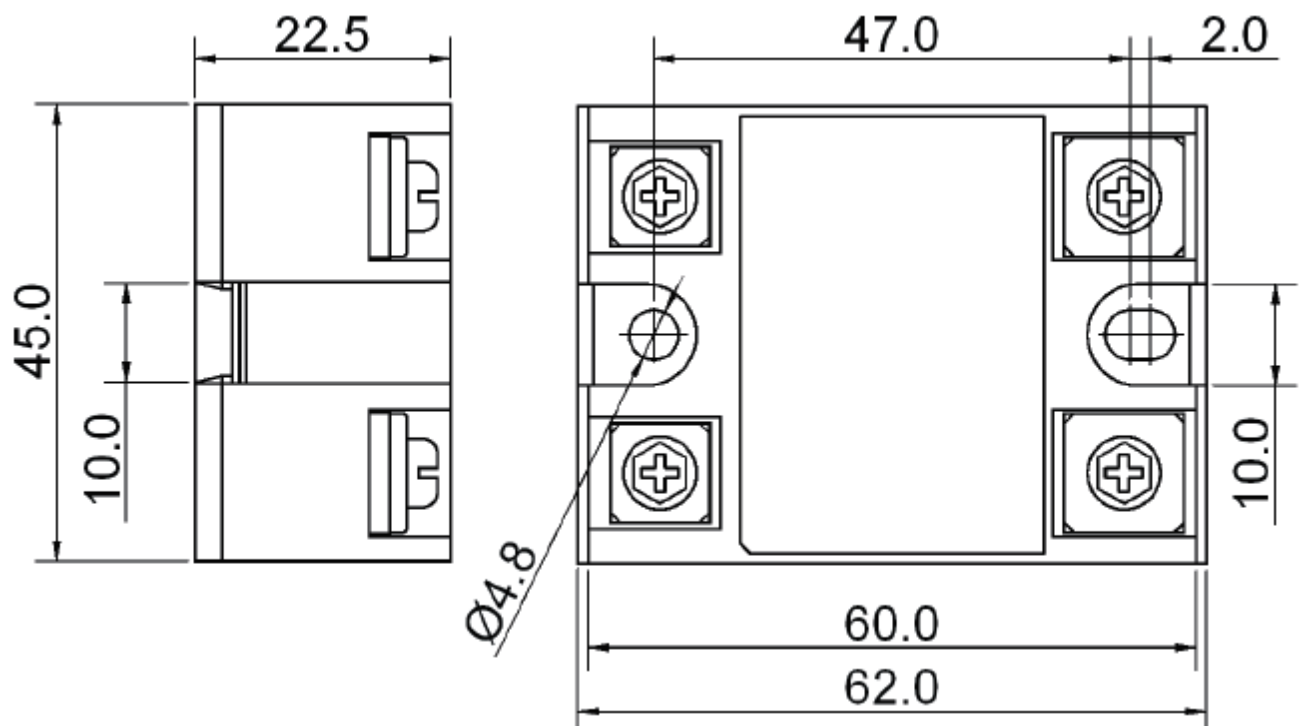
- Model: EBS1F100D48T
- Rated Current: 100A max
- I^2t Fusing: 664A²S.
- Surge Current: 410A.
- Peak voltage: 1200VAC min.
- Output voltage: (24~480)VAC.
- Input Control Voltage: (4~32)VDC.
- Turn off Voltage: <3.5VDC.
- Trigger Current: 12.0mA max.
- Control method: Zero Crossing.
- Isolation strength: 4KVrms (EN60950/VDE0805)
- Insulation strength: 100MΩ@500VDC.
- Operating Temperature: -40°C~+80°C; 35~ 85%RH.



EBS1F100D48T

Mechanical Dimension:

Unit: mm



Connection Diagram:

