

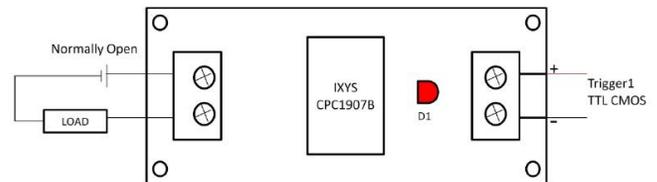
# EX-S2-SOLID STATE RELAY

EMNICS introduces EX-S2 a solid state relay break out board carrying IXYS CPC1907B relay. Solid-state relay (SSR) is an electronic switching device that switches ON/OFF its Output Terminal when a small external voltage is applied across its control terminals. CPC1907B is normally open optically coupled relay with 5000<sub>rms</sub> input to output isolation. Input is connected parallel with a led to indicate the relay Input Status.



## EX-S2 Features

- Handle load current Up to 6A DC and 6A AC
- 5000V<sub>rms</sub> Input/output Isolation
- High Reliability
- No Moving Part
- Low Input Drive Requirement( TTL / CMOS Compatible)
- Arc-Free Circuit
- Ni EMI/RFI Generation
- DIN RAIL Mount -Optional Casing



## Application

- Industrial Control
- Solenoid Control
- Motor Control
- Heating Ventilation and Air Conditioning Control (HVAC)
- Robotics
- Starter Ignition Circuits
- I/O Systems
- DC Power Supply
- Aerospace and Defense

