

## Switch output Module (SOM)

The switch output module provides an interface between the control system and two state output devices (for example solenoids, contactors). The outputs are arranged in groups each with the option of separate plant power.

Card edge LED's provide status, plant power and board healthy indication.

The module is designed to operate in conjunction with rail mounted relay modules.



The circuit modules each plug into two electrical connections at the chassis, the lower row of connectors from an industrial standard G64 bus, the upper connects provides input-output connections.

Services:

With an effective stock of GE Speedtronic & GE Excitation cards parts **ESP** has the ability to support end users who need parts to keep their obsolete panels operational. **ESP** also stocks and supplies parts for running models.

Obsolete Models of GE Speedtronic & GE Excitation supported by **ESP**.

1. GE Mark I
2. GE Mark II
3. GE Mark III
4. GE Mark IV
5. GE Mark V
6. GE Excitation-EX2000

Current Models of GE

Speedtronic supported by **ESP**

1. GE Mark VI
2. GE Mark VIe
3. GE Excitation-EX2100
4. GE Excitation-EX2100e

### **ESP's detail support plan**

#### 1. Repair

**ESP** owns repair labs equipped with latest test equipment's & functional panels to ensure effective repair, supporting their 0% failure policy. These labs are operated by engineers with loads of experience in the field of Speedtronic cards repair

#### 2. Test With Certification

**ESP** supports end users to test & certify their shelf stock a nominal fee, this eliminates the risk of end users finding parts in their shelf stock faulty at the time of emergency requirement.

#### 3. Exchange:

**ESP** is open to the option of Exchanging defective cards with working cards. Cards supplied under this program carries a warranty of 18 months

**ESP** has an in-house facility to Test, Repair and Certify Control cards and part used in control panels/PLC's/DCS/Drives etc.

This facility was developed to Test and Certify the cards supplied by **ESP** which over the course time helped User to Repair and Test their suspected / faulty card maintained as shelf stock at a reasonable cost and short turnaround times

**ESP** backs up all test/repair with a 10 month warranty which is at par or even more than the industry standards.