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 Doc. Name : User Manual : Ethernet Redundant Switch



**Connection Scheme :**

Connect the Power to the ERS through the 230V AC 3 Pin Plug and Switch On. Power LED glows. Master LED will glow for a while & then Redundant LED will continuously glow. Connect your Master port to the Master Port or ERS, your Redundant Slave Port to the Redundant Port of the ERS & the Common Port of the ERS to your Output device through Straight Cables.

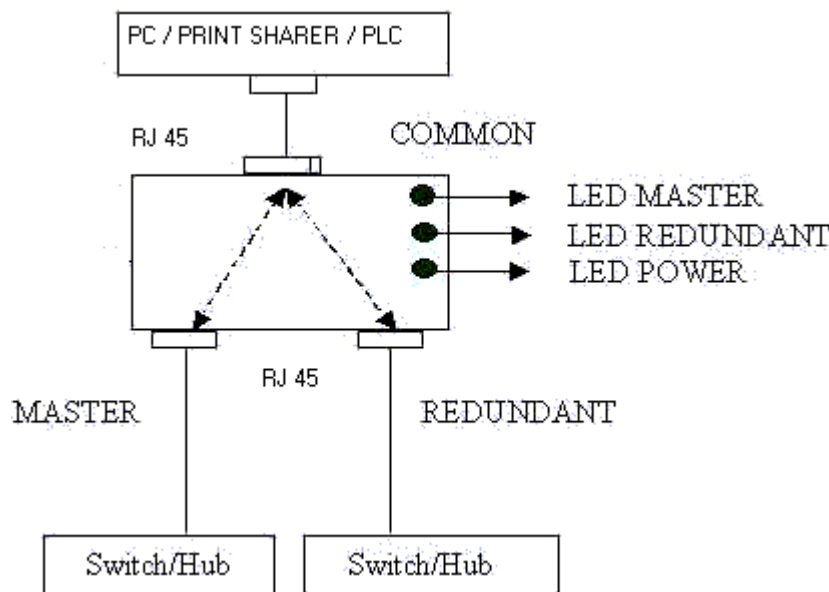
**Function** – Normally in any network, as per diagram shown below, default Communication will be through Master port. As soon as data stops coming from Master port, due to some problem or **cable fault**, Redundant Ethernet switch automatically senses the failure & changes over to the Redundant port & starts communicating. The respective LED’s will continuously glow.

When fault is repaired & Data starts coming from Master port it again automatically changeovers to the Master port & starts communicating.

The Master & the Redundant Input devices on the Network can have the same IP address. We will connect only the Primary device. The Redundant device will keep getting Network error, till the time it needs to become active.

Even if the Power supply to the switch is lost or Ethernet Redundant Switch stops responding, default connectivity will always be ON through Master port.

**Block Diagram:**



**Hardware Specifications :**

- Power Supply : 230 V AC
- Input : RJ 45 : 2 nos.
- Output : RJ 45 : 1 nos.
- LED Indication : Power / Master / Redundant.
- Speed : 10/100 Mbps.
- Size : 105 x 96 x 252mm (wxhxd)