

4 port RS485 Hub, Model SC08S4

Is your complex RS485 network becoming increasingly unreliable? Are you facing major failures in the RS485 Network?



With a 4 or 8 Port RS485 Hub, connect with ease as many as 256 Energy meters or any other RS485 device on the 485 network, without bothering too much about installing repeaters, number of Multidrops, cabling hassles & without compromising the speed.

The RS485 Hub transforms RS485 bus into star topology making RS485 a

dependable network. Each RS485 Hub Port is Isolated from the other and support 1.2Km run of multidropped RS485 devices. Additionally the Hub ports are Optically Isolated, Short Circuit, Surge & ESD protected rendering ruggedness to your network. In case if any there is a cable fault or a RS485 device failure or a shorting in the network, the problem is restricted to only that port of the Hub.

Specifications

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|------------------------|--|
| 1 Common Port | : RS232 or RS485 selectable |
| 4 Output Ports | : RS485 2 wire |
| Connectors | : RJ45 for all ports |
| Baud Rate | : 300 to 115 kbps. Auto Baud rate |
| Distance | : 1.2Km for each RS485 ports |
| Multidrops | : 64 devices per port |
| Auto Direction Control | : Yes. For RS485 |
| Isolation | : 3KV Optical Isolation between each port |
| Protection | : Surge Protection upto 600W : RS485 Short Circuit protection. Each port Isolated from the other i.e in case of Short circuit etc in any port, other ports would keep operating safely : 15KV ESD Protection |
| LED Indicators | : Power, Common TX, RX for all ports and separate Error Led for each port |
| Power Supply | : 230V AC External Adapter. 5V DC, 1A output |
| Dimensions | : 90mm X 69mm X 23mm |
| Weight | : Appx. 1Kg |
| Working environment | : Temp 0 to 50°C, Relative humidity 5% to 95% |

Application Diagram

