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SAN TELEQUIP

Connecting. Converting. Leading !

Document Name: MANUAL: SC07S - RS485 2 WIRE REPEATER, ISOLATOR

INTRODUCTION

SC07S boosts RS485 signals to additional 1.2 km. It also acts as a 485 Isolator.

RS485 Devices can be multidropped on the Input & Output sides. It operates on 24V DC. The Power is supplied via the terminals on the top.

True 3 way 3KV Isolation is provided alongwith additional Surge & ESD protection on data lines.
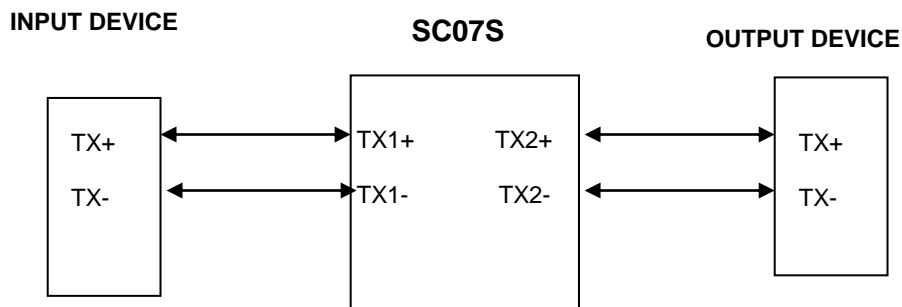
At Power On only Power On LED glows.
When data comes on Input side of SC07S, RX LED of the Input side will blink. Same data will get transmitted on the Output side of SC07S & TX LED of Output side will blink & vice versa when the data flow is in the reverse direction.

It supports Serial protocols like **Modbus** etc

RS485 (2 Wire) to RS485 (2 Wire) Repeater Connection

RS485 Connecter   : 2 Pin Screw Terminals / Howder

SIGNAL OF SC07S	DIRECTION	WILL CONNECT TO
TX1 +	Bi-directional Signal	TX + / D + of your device
TX1 -	Bi-directional Signal	TX - / D - of your device
TX2 +	Bi-directional Signal	TX + / D + of your device
TX2 -	Bi-directional Signal	TX - / D - of your device