

San Telequip (P) Ltd.,  
504 & 505 Deron Heights, Survey no 270/1/23,  
Baner, Pune 411045, India  
Phone : +91-20-27293455, 9764027070, 8390069393  
email : info@santelequip.com



Connecting. Converting. Leading !

## RS232 to 2 Wire RS485 Converter, Model SC04M2



Model SC04 converts RS232 signals to RS485 and vice versa. SC04 is a bidirectional RS232 to RS485 Converter. These converters carry RS232 signals to long distance. This converter facilitates RS232 devices to be multidropped on the RS485. Hardened protection features and unique power supply design have been incorporated keeping in mind the high electrically noisy applications like Solar and Power

### COMMUNICATION

INPUT / OUTPUT : RS 232  
OUTPUT / INPUT : RS485, 2 wire  
SPEED : 300 to 115,000 bps and Auto Baud Rate  
INDICATORS LED's : Tx, Rx, Power

### MECHANICAL

CONNECTOR RS232: DB9 Female  
CONNECTOR RS485: Screw type Terminal block  
CONNECTOR Power : Screw type Terminal block  
ENCLOSURE : ABS Plastic enclosure  
: 49.3 x 24.6 x 88.3mm (W\*H\*D)  
MOUNTING : DIN Rail

### ELECTRICAL

POWER SUPPLY : 24V DC. Optional 48V DC  
POWER CONSUMPTION : Appx. 1.2W, 24V DC, 50mA

### PROTECTION

OPTICAL ISOLATION : 3000 V DC between RS232 & RS485  
GALVANIC ISOLATION : 3000 V DC between Power & RS232  
: 3000 V DC between Power & RS485  
SURGE PROTECTION : 600W on 485 lines  
ESD PROTECTION : 15KV on RS232 & RS485 lines

### OPERATING CONDITIONS

TEMPERATURE : 0 - 60 C  
RELATIVE HUMIDITY : 5 – 95 % Rh- non-condensing

### Model Code : SC04M2 XX

SC04M2 : Base Model  
XX : Voltage Supply. 24 for 24V DC, 48 for 48V DC