

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