

**RS232 to RS485 Converter, Model SC04U RJ45**



Interface Converters are used for convert RS232 devices to RS485 and vica versa. SC04U is a Bi directional RS232 to RS485 Converter. These converters are used for running RS232 signals to long distance (1.2km). This converter can also facilitate multiple field devices to be multidropped on the RS485 and allow their connectivity to a RS232 device.

**COMMUNICATION**

INPUT / OUTPUT	: RS232
OUTPUT / INPUT	: RS485 / RS422. 2 Wire & 4 Wire
SPEED	: 1200 to 115000 bps
CABLE DISTANCE	: 1200 m
INDICATION	: LED's for TX & RX and Power

**MECHANICAL**

CONNECTOR – Input	: RJ45
CONNECTOR – Output	: Screw Terminals
CONNECTOR – Power	: Screw Terminals
ENCLOSURE	: Phoenix Bopla, ABS, DIN Rail Mounting 55 x 110 x 75 mm [L D H]
WEIGHT	: 175g

**PROTECTION**

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

**ELECTRICAL**

POWER SUPPLY Options	: 24V DC. Range +/- 10%. : 230V AC. Range : 90 to 265V AC
POWER CONSUMPTION	: 1.2 watts

**OPERATING CONDITIONS**

TEMPERATURE	: 0 - 55° C
RELATIVE HUMIDITY	: 5 – 95 % - non-condensing

**Model Code : SC04U RJ45 YYY**

Base Model Code	: SC04U RJ45
YYY	: 230 : 230V AC, 24 : 24V DC