

RS232 to RS485 Converter, Model SC04U RJ45 XYYY



Interface Converters are used for convert RS232 devices to RS485 and vica versa. SC04U is a Bi directional RS232 to RS485 Converter. The Input RS232 Serial port is RJ45 instead of DB9. 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 XYYY

SC04U : Base Model Code
 RJ45 : Input RS232 Serial Port with RJ45 Connector
 XYYY AYYY : A230 : AC 230V. Range 90 to 260V AC (Default)
 DYYY : D220 : 220V DC. Range 180 to 260V DC
 : D110 : 110V DC, Range 110V DC to 265V DC
 : D24/D48 : 24V DC or 48V DC