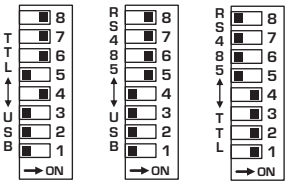
SCUSB485 ADAPTER USB <=> RS-485 <=> TTL

- USB AND RS-485 SERIAL INTERFACE WITH CABLES
- SURGE PROTECTION ON RS-485 LINE
- CONNECT REMOTE SERIAL DEVICE TO A PC
- ONE SERIAL SERVER CREATES ONE VIRTUAL COM-PORT ON A PC
- POWER AND DATA FLOW INDICATOR FOR TROUBLESHOOTING
- THE RS-485 STANDARD SUPPORTS HALF-DUPLEX (2 WIRE)
- REAL TIME TRANSFER ASCII PROTOCOL
- COMPACT SIZE - 2 MODULE - 35mm
- DIN RAIL MOUNTING EN50.022
- SELF-EXTINGUISHED MATERIAL UL94 V0

DIP-SWITCH CONFIGURATION



Windows 10 Compatible

RoHS 2 COMPLIANT

CE

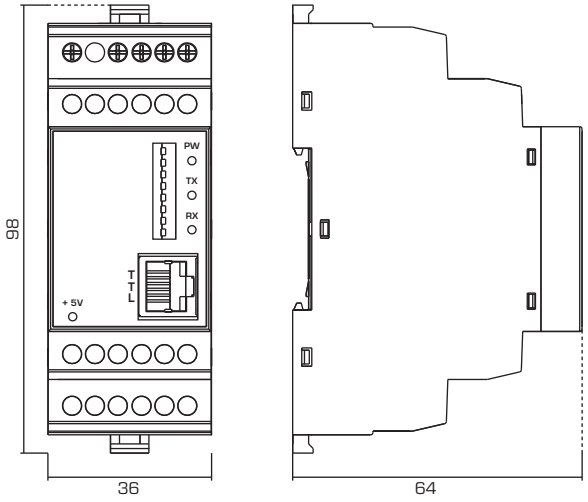
EU Directives - CE Marking:

> 2014/30/UE - EMC
> 2014/35/UE - LVD

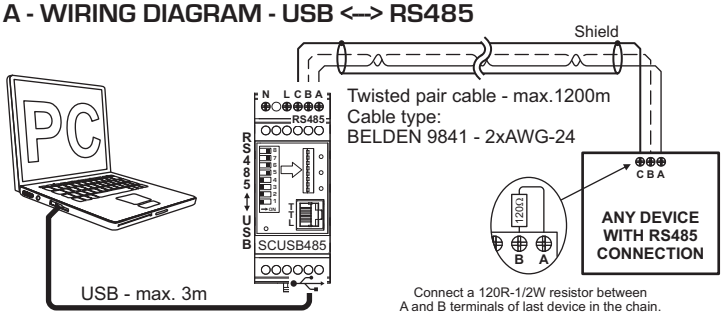
TECHNICAL DATA

	UNIT	SCUSB485
Supply voltage AC	V~	230
Operating Limits (Ue)	%	-15 / +10
Nominal Frequency	Hz	50 - 60 (range 47 - 63)
Power Consumption (max. AC)	VA	2.7
Serial Interface	-	1 USB + 1 RS-485
Protocol Type	-	Owner - Modbus RTU - ASCII
Baud Rate	kbit/s	up to 115.2
Max device connection (TTL/RS-485)	n°	1...99
Working temperature	°C	-10 / +50
Storage temperature	°C	-30 / +70
Electrical Insulation (USB_TTL/RS485)	kV	1
Electrical Insulation (N_L/RS485)	kV	3
Overvoltage Category	-	II
Protection degree	IP	20
Pollution degree	-	2
Relative Humidity w/o cond.	RH%	95
Altitude up to	m	2000
Weight	g	90
Dimensions	mm	98 x 36 x 64

DIMENSIONS (mm)

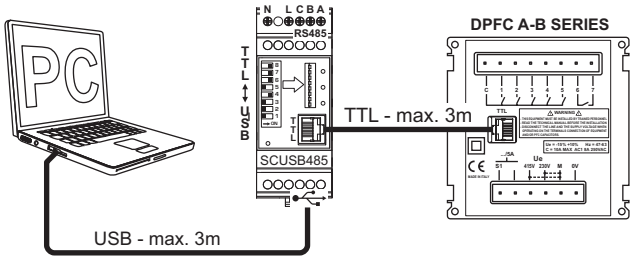


A - WIRING DIAGRAM - USB <--> RS485



Connect a 120R-1/2W resistor between A and B terminals of last device in the chain.

B - WIRING DIAGRAM - USB <--> TTL



C - WIRING DIAGRAM - USB <--> 485 - 485 <--> TTL