

# SCUSB485

# ADAPTER

# USB <=> RS-485 <=> TTL

- ▶ SELF-EXTINGUISHED MATERIAL UL94 V0
- ▶ 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

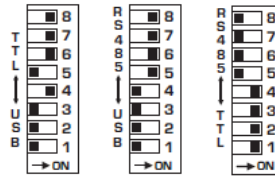
### EC Directives - CE Marking:

- > 2006/95/EC - Low Voltage
- > 2004/108/EC - EMC

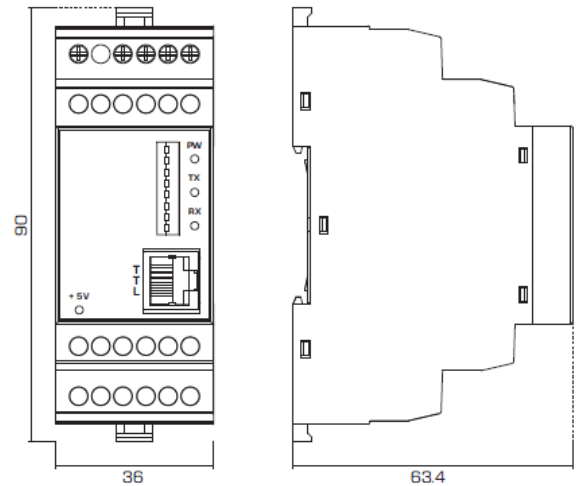
### TECHNICAL DATA

	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	0.5
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/RS485)	V~	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	95
Dimensions	mm	90 x 36 x 63.4

### DIP-SWITCH CONFIGURATION

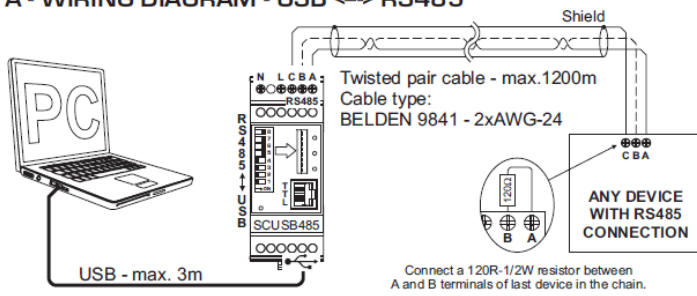


### DIMENSIONS (mm)

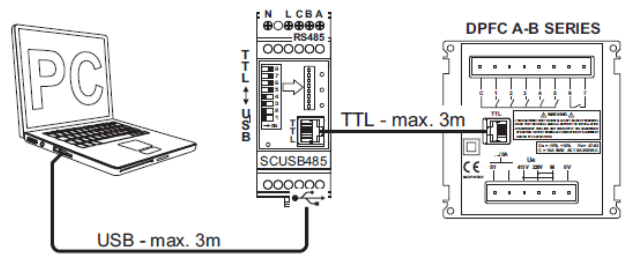


Type	Description	Code	Weight[g]	Packaging[pcs]
SCUSB485	Adapter TTL<>USB<>RS485	004656577	390	1/30

**A - WIRING DIAGRAM - USB ↔ RS485**



**B - WIRING DIAGRAM - USB ↔ TTL**



**C - WIRING DIAGRAM - USB ↔ 485 - 485 ↔ TTL**

