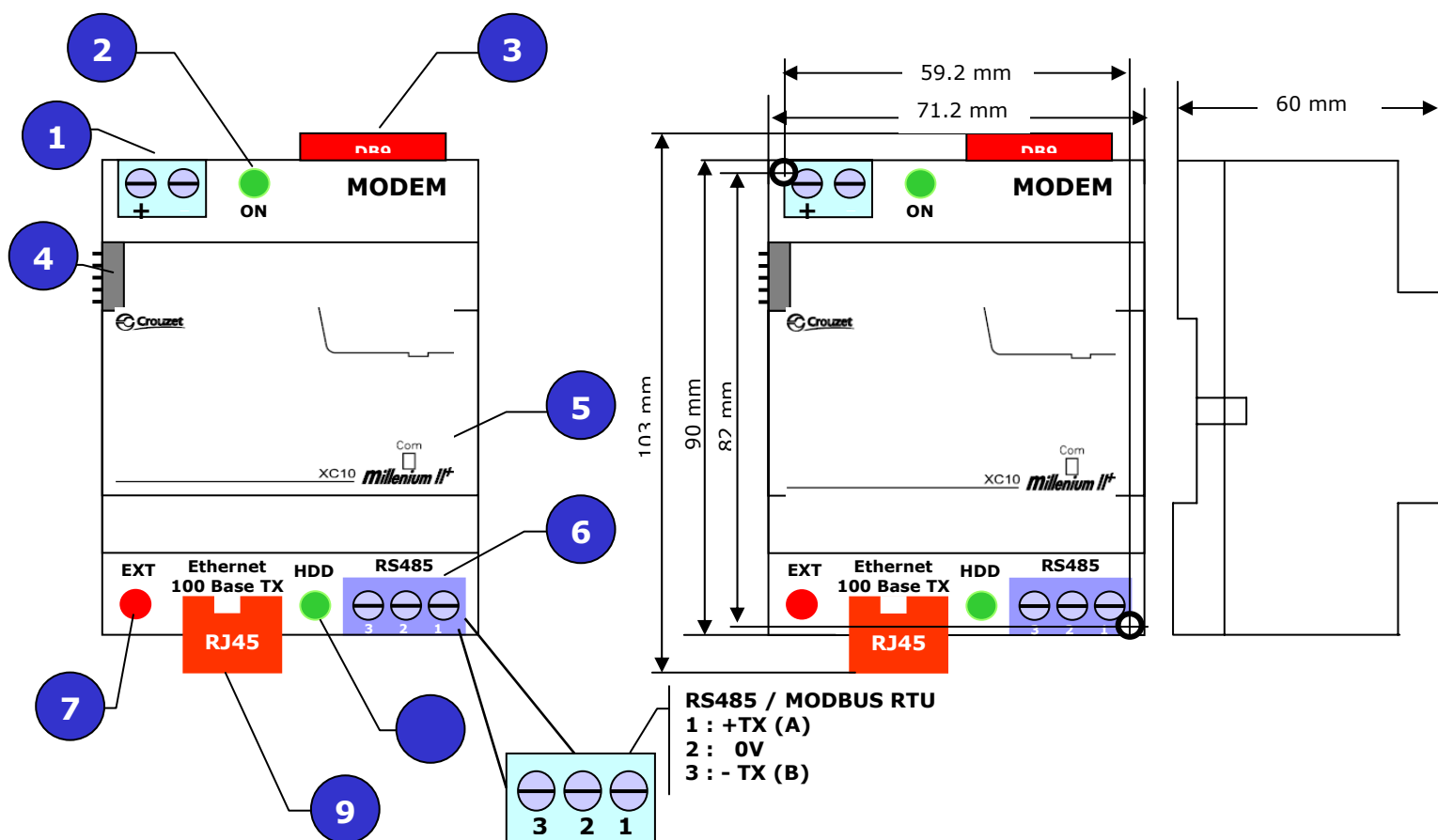


## M2Web XC10 Adjacent Extension

Insert the CD-ROM and install the WebServer configuration program

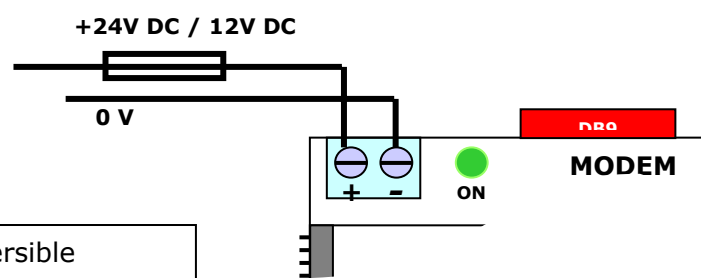


- 1 : 24 V DC Power Supply Terminal Block:** The power supply shall provide a voltage ranging between 12 V and 30 V DC for a peak current of 400 mA.
- 2 : Power Supply Indicator :** When the MIIWeb is powered, this indicator is illuminated.
- 3 : Male DB9 MODEM Socket :** RS232 connector for external MODEM (only signals RTS, CTS, TXD, RXD and the ground are connected to the connector pins)
- 4 : Adjacent Extension Connector :** Using an interconnection strip, the MIIWeb becomes an adjacent extension for a Millenium II (24V DC XT20 ONLY), in which MIIWeb is registered as an XC10 M2WEB Module.
- 5 : Network Traffic Indicator :** This red indicator lights up every time the MIIWeb detects or outputs a frame on the Ethernet segment to which it is connected (connection via item 9).
- 6 : MODBUS Connection Terminal Block:** MIIWeb is connected to the RTU MODBUS – RS485 Field bus via this 3-pin connector. It must be located at one of the ends of the network (Line termination resistance included)
- 7 : Adjacent Communication Indicator :** When the MIIWeb exchanges data with the adjacent Millenium connected using connector 4, this indicator flashes every 500ms.
- 8 : HDD Indicator :** This indicator lights up when the MIIWeb writes to or reads its static hard disk. It indicates filing activity or that consultation is on-going.
- 9 : RJ45 Socket:** RJ45 connector for unshielded UTP – FTP Ethernet category 5 cable.

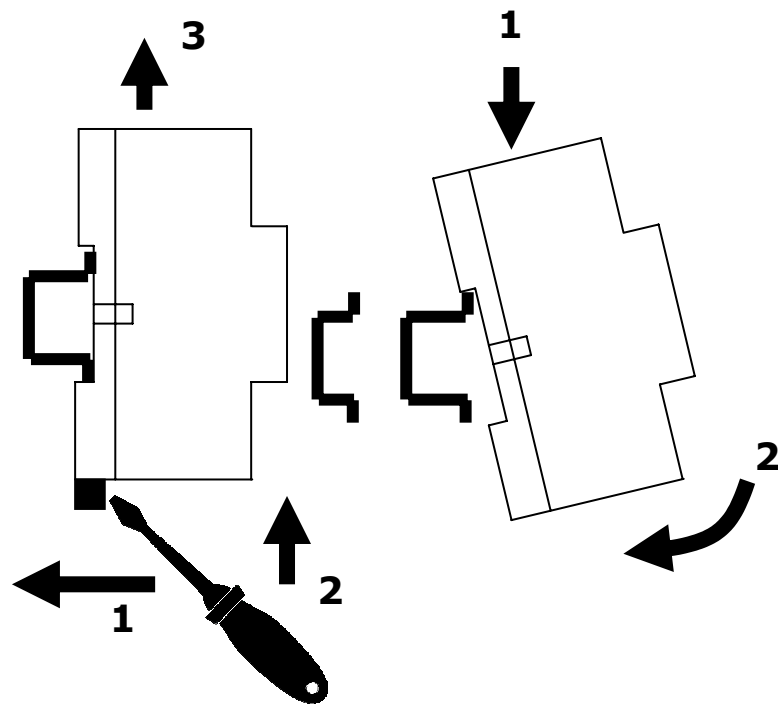
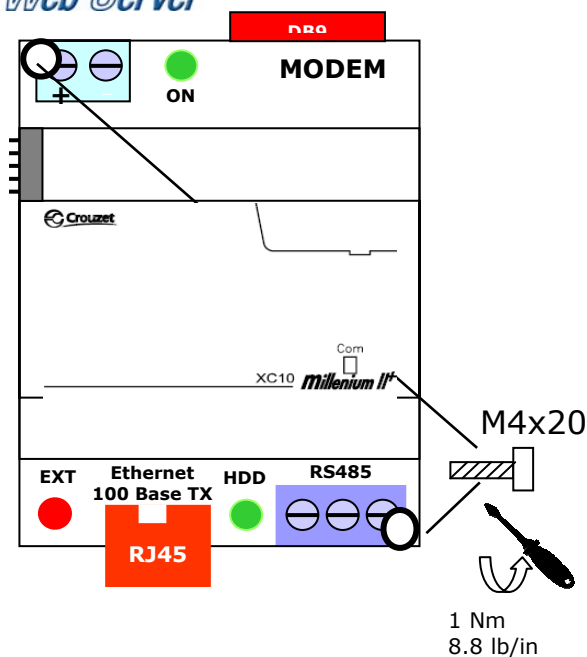
## POWER SUPPLY

+12V - 24V DC (+/- 15%)  
400 mA max

Ambient temperature: -5°C / +55°C



+ and - terminals are not reversible

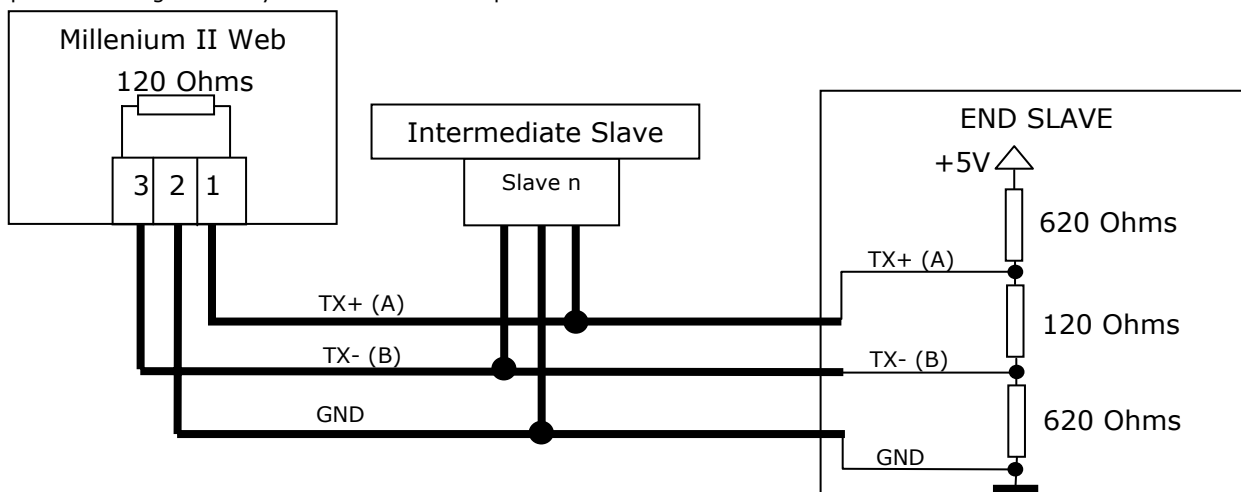


mm <sup>2</sup>	0.14..0.75	0.14..2.5	0.14..2.5	0.14..1.5	0.14..1.5
AWG	26..16	26..18	26..14	26..14	26..16

## RTU MODBUS – RS485 (2-wire)

The device incorporates an RTU MODBUS RTU – RS485 Master, and must be connected to one end of the MODBUS network. The device can only exchange data with MODBUS slaves whose data is structured in 16-bit words, which are accessible individually. The device cannot access double words (32 bits).

The device includes line termination resistors (120 Ohms) between TX+ and TX-. These resistors cannot be removed, which means that for optimum wiring efficiency the device must be positioned at one end of the MODBUS network.



## ETHERNET

The device is compatible with ETHERNET 10 /100 Base T networks, the use of non-shielded, twisted pair ETHERNET FTP cables from category 5 or above fitted with an RJ45 connector is recommended. It can be wired as for any network station.

## MODEM

Only those modems compatible with the eTiceSoft software workshop may be connected to the Millenium II Web, only the TXD , RXD, RTS , CTS and GND signals are effectively connected to the male DB9 plug reserved for the MODEM.