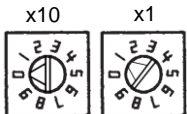


Connection to Modbus Master

ADDRESSING

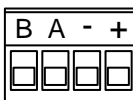
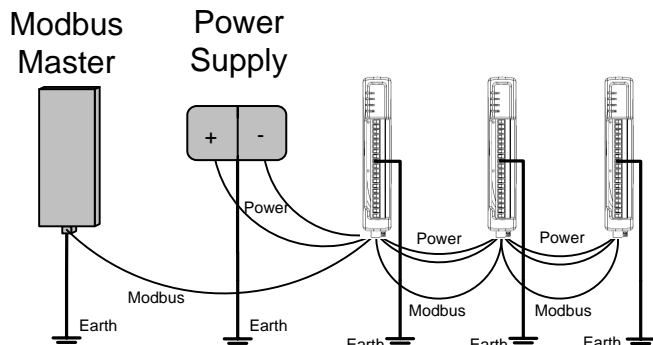


Set a unique Modbus slave address for each WI-I/O-EX-1-S-xx connected to the Modbus Master

Example shows address "01"

Consult user manual for Modbus addresses

POWER



Power Connections:

'+' : Pos Supply (10.8 to 30 VDC**)

'-' : Neg Supply

WI-I/O-EX-1-S-11: 300mA max

WI-I/O-EX-1-S-12: 900mA max

WI-I/O-EX-1-S-13: 900mA max

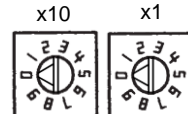
****Check rear label for operating voltages**

Ensure all earth connections are at the same potential.

EARTH wiring minimum 2mm² - 14 AWG

Connection to I/O-Series Radio

ADDRESSING

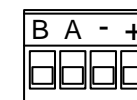
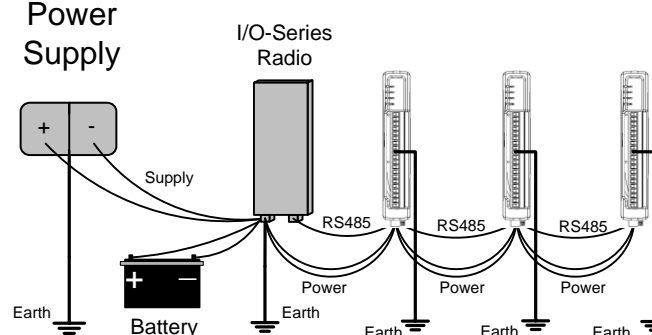


Address switches must be 00 for WI-Series protocol

Example shows address "00"

Setup using Weidmuller WI-Series configuration utility.

POWER



Power Connections:

'+' : Pos Supply (10.8 to 30 VDC**)

'-' : Neg Supply

WI-I/O-EX-1-S-11: 300mA max

WI-I/O-EX-1-S-12: 900mA max

WI-I/O-EX-1-S-13: 900mA max

****Check rear label for operating voltages**

Ensure all earth connections are at the same potential.

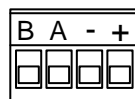
EARTH wiring minimum 2mm² - 14 AWG

RS485

Up = terminated
Down = un-terminated

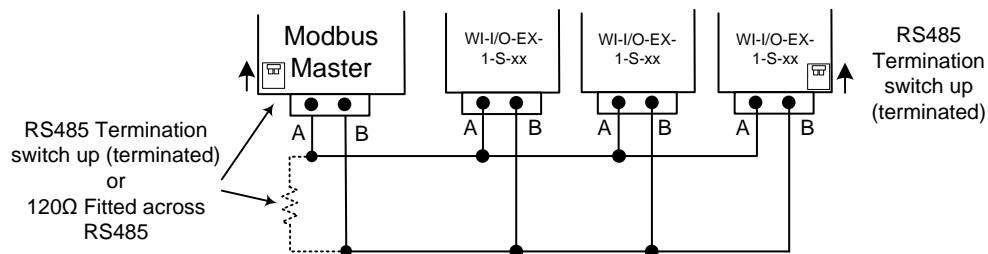


RS485 termination switch



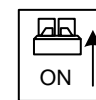
Power and Modbus connector

A, B: Connect RS485 (Modbus)

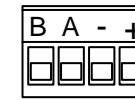


RS485

Up = terminated
Down = un-terminated

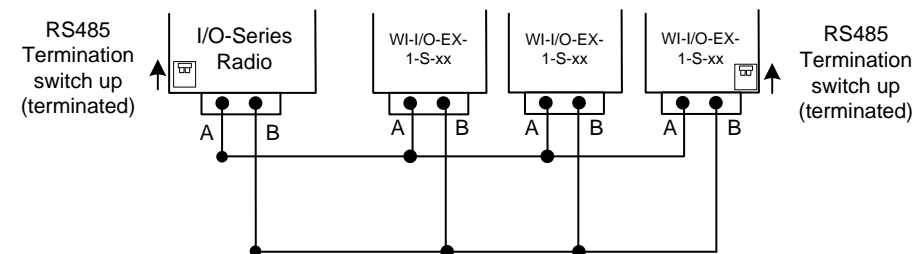


RS485 Termination switch

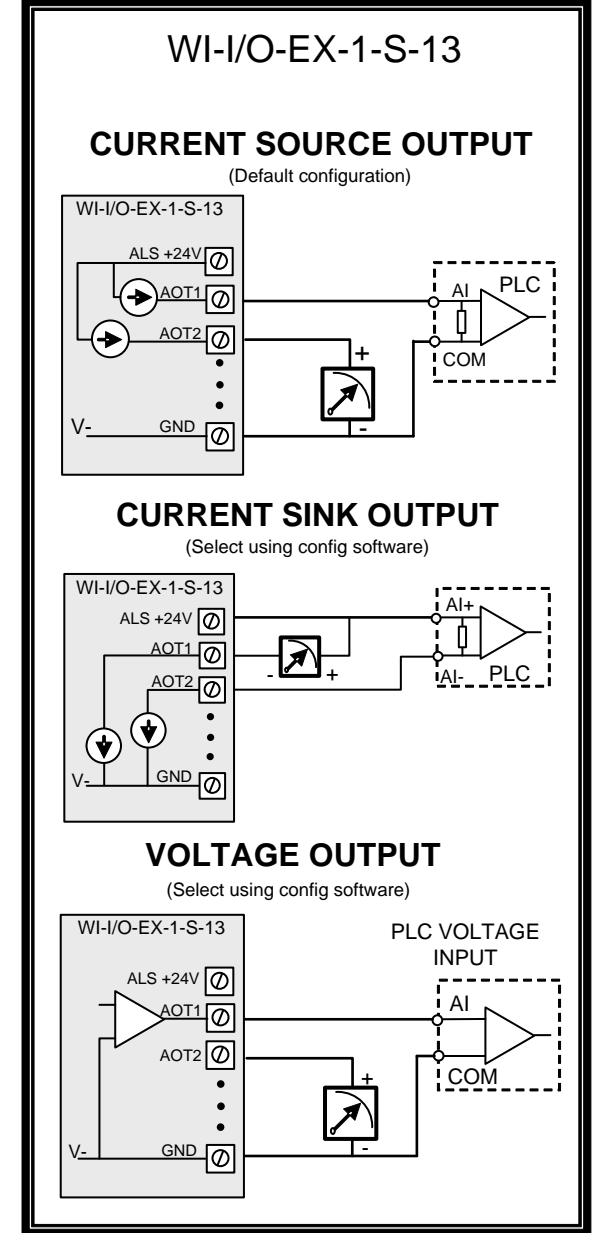
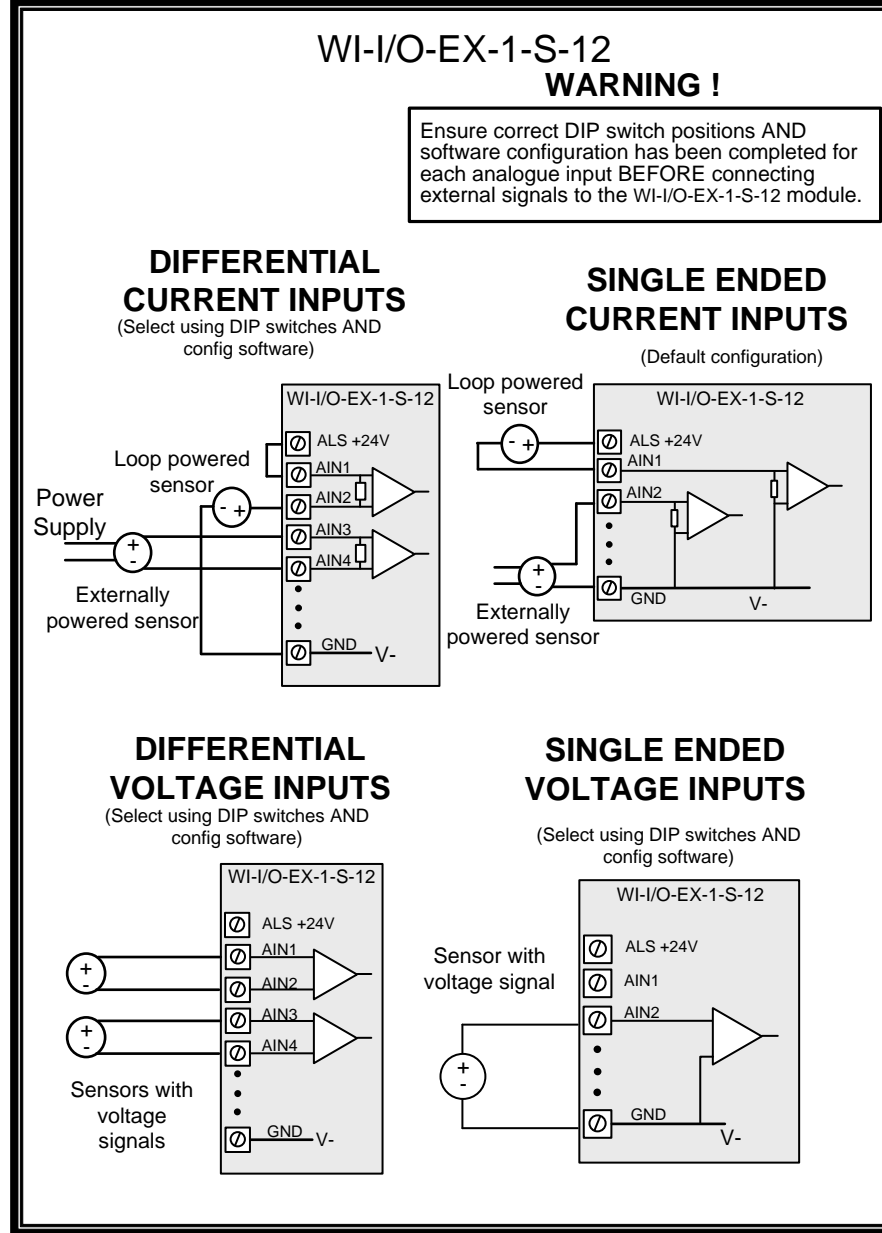
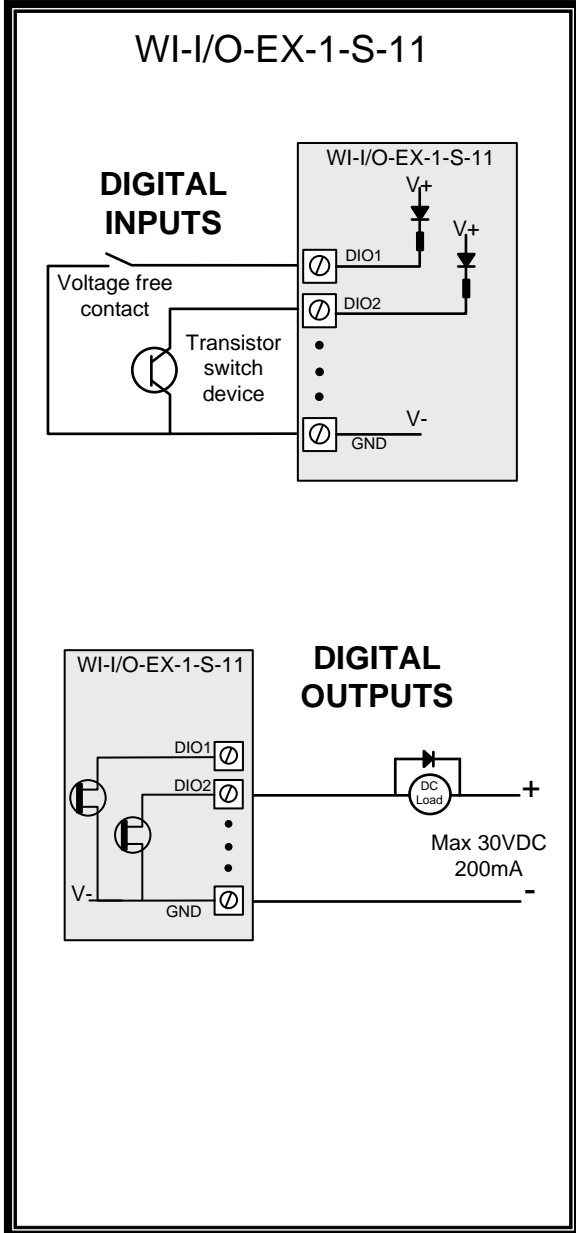


Power and Modbus connector

A, B: Connect RS485 (I/O Series Radio)



THIS EQUIPMENT IS SUITABLE FOR USE IN CLASS 1 DIVISION 2 GROUPS ABC AND D OR NON HAZARDOUS LOCATIONS ONLY.



WARNING! - EXPLOSION HAZARD - DO NOT DISCONNECT WHILE CIRCUIT IS LIVE UNLESS AREA IS KNOWN TO BE NON HAZARDOUS