RATTLER IO

Extender Module - 8 x DI | 8 x DO

DESCRIPTION:

- Eight optoelectronic isolation digital input channels (Low-level input)

- Eight optoelectronic isolation digital output channels (NPN collector output)

- RS485 MODBUS RTU standard communication protocol

- Communication, digital input, and digital output status LEDs

- Used for signal collection and control in the industrial sector

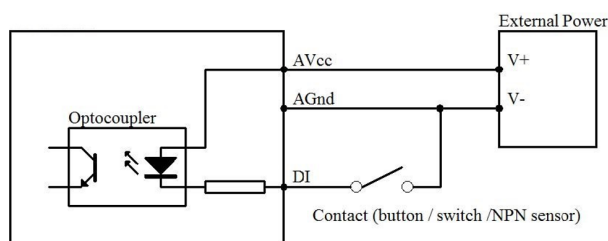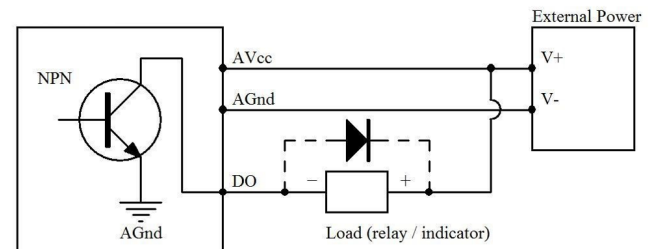- Rattler 3i supports one or more extender modules

COMMUNICATION:

- RS485 Port - MODBUS RTU

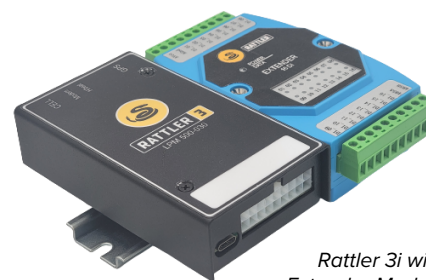### APPLICATION DIAGRAMS:

DIGITAL INPUT

DIGITAL OUTPUT

SPECIFICATION:

Digital Input Channel	8ch (Low-Level Input)
Digital Output Channel	8ch (NPN Collector Output, 500mA)
Working Temperature	-20 to 70℃
External Power Supply	DC9V-30V/2W
Isolation Protection	DC1500V

INTERFACE:

AVcc	External Power Supply Input Positive
AGnd	External Power Supply Input Negative / Power Ground
DO_01	Digital Output Channel 1
D0_02	Digital Output Channel 2
D0_03	Digital Output Channel 3
D0_04	Digital Output Channel 4
D0_05	Digital Output Channel 5
D0_06	Digital Output Channel 6
D0_07	Digital Output Channel 7
D0_08	Digital Output Channel 8
DI_01	Digital Input Channel 1
DI_02	Digital Input Channel 2
DI_03	Digital Input Channel 3
DI_04	Digital Input Channel 4
DI_05	Digital Input Channel 5
DI_06	Digital Input Channel 6
DI_07	Digital Input Channel 7
DI_08	Digital Input Channel 8
485B	RS485 Signal B-
485A	RS485 Signal A+

Rattler System

Rattler 3i with Extender Module