

## ◆ Technical Data:

Model: SR-E-2AI-V/I

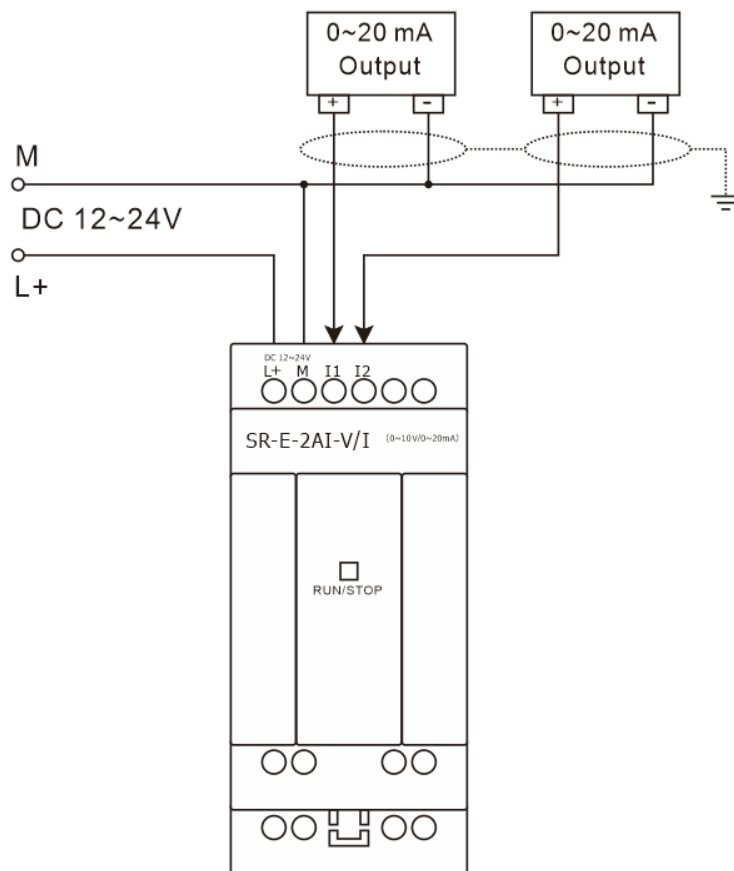
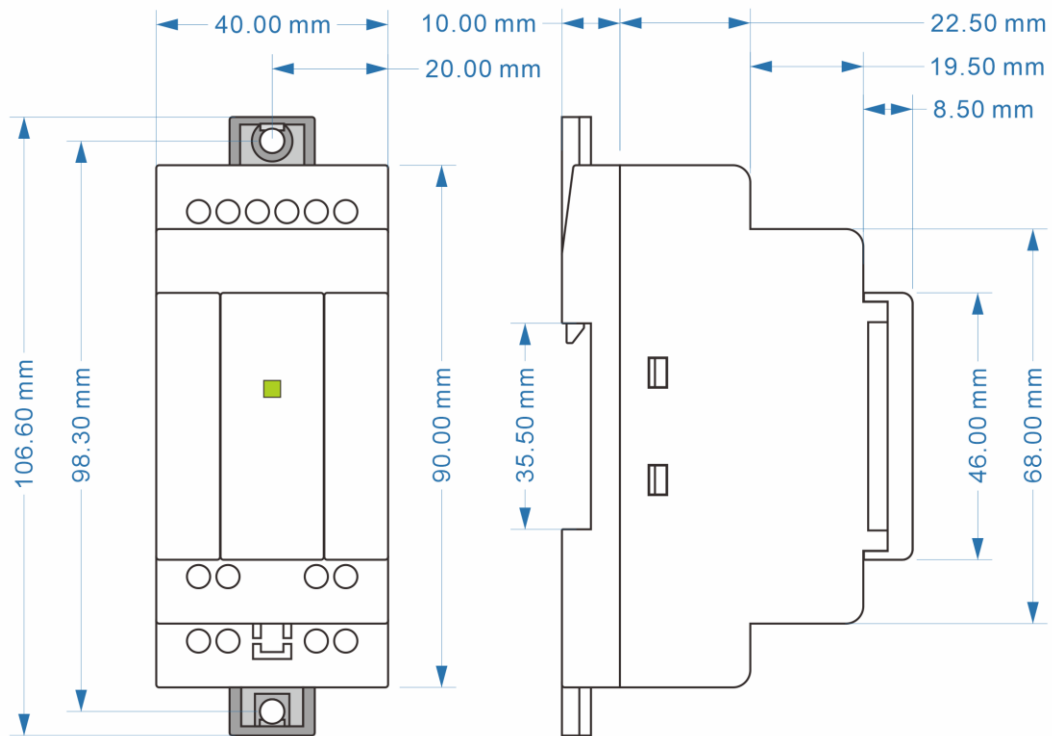


1. Up to 3 pcs extensions can be applied to the SR CPU
2. Up to 16 pcs extensions can be applied to the PR CPU
3. Connection cable length can be customized (Max. 30 Meters for the distance between the end extension and CPU)

## Technical Index

| Power supply:                          |                                                                   |
|----------------------------------------|-------------------------------------------------------------------|
| Nominal voltage                        | DC 12-24V                                                         |
| Operating limits                       | DC 10.8-28.8V                                                     |
| Immunity from micro power cuts         | Typ.5 ms                                                          |
| Max. Startup current                   | Max. 0.1A                                                         |
| Max. absorbed power                    | 1 W                                                               |
| Protection against polarity inversions | Yes                                                               |
| Input parameters:                      |                                                                   |
| Input No                               | 2(I1-I2)                                                          |
| Digital input                          | None                                                              |
| Analogue input                         | 2 (AI1-AI2)                                                       |
| Analogue signal                        | DC 0...10V/ 0..20mA (Switch on the programming software)          |
| Resolution                             | 0.01V/0.02mA                                                      |
| Accuracy at 25 °C                      | 0.1V/0.1mA                                                        |
| Internal value and signal relationship | $AI*1(0..1000) = V1(0...10V) = I1(0...20mA)$<br>*= Extension Adr. |
| Cycle time for analog value generation | Typ. 50 ms                                                        |
| Output parameters:                     |                                                                   |
| Output No                              | None                                                              |
| Other parameters:                      |                                                                   |
| Line length (shielded and twisted)     | Max. 10 m                                                         |
| Mounting                               | On 35-mm DIN rail, 4 WM wide, or wall mounting                    |
| Operation temp.                        | -20°C-+55°C                                                       |
| Storage temp.                          | -40°C-+70°C                                                       |
| Weight                                 | 93.4g / 129.4g(packaging)                                         |

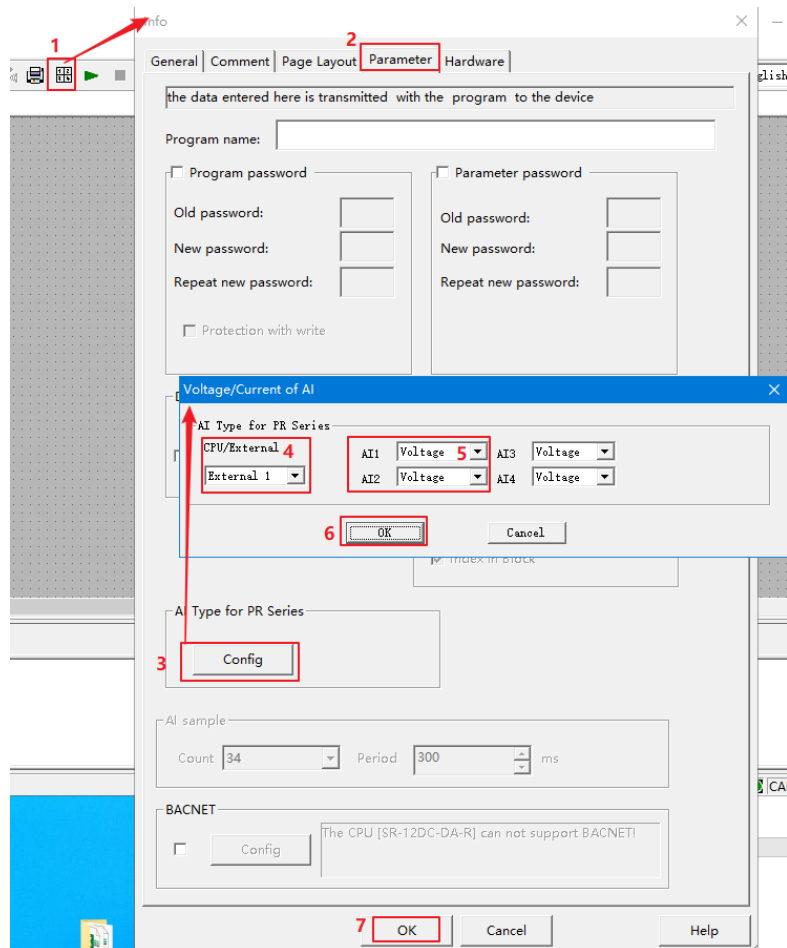
## Installation Dimensions & Wiring Diagram



Switch the analog input signal of I\*1~I\*2 on the programming software, as shown below.

This configuration is downloaded to the PLC follow with the program and takes effect after the PLC is restarted.

## xLogic



## xLadder

