Automation HVAC Remote access and management Monitoring

xS

Extension I/O modules

unipi technology

www.unipi.technology

Extension I/O modules Unipi xS

Unipi Extension xS series of I/O modules allows you to extend your project with additional inputs and outputs for connecting sensors and actuators. Integrating the modules is cost-effective, increases system flexibility, and saves on cabling and maintenance.

Model name	Digital inputs	Relay outputs	Analog inputs	Analog outputs	RS485
xS11	12	13	–	–	1
xS51	4	5	4 (voltage, current, resistance)	4	1
xS52	4	5	8 (resistance)	–	1
xS53	4	5	8 (voltage, current)	–	1
xS54	4	5	8 (voltage, current, resistance)	–	1

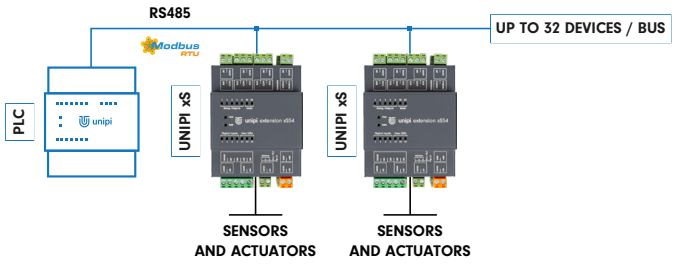
Features

- Compatible with all Unipi controllers and 3rd party devices
- Communication with the controller via RS485 (Modbus RTU)
- Universal analog inputs allow all types of measurements – voltage, current and resistance
- All digital inputs have a counter function
- Inputs, outputs, and communication line are galvanically isolated
- Protection from power supply reverse polarity
- High-density 4x I/O per 1 DIN module

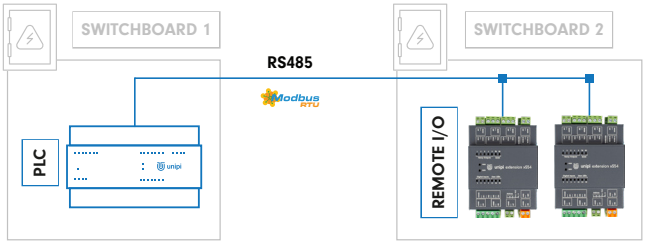
Special functions

- Direct Switch
- Default settings
- Counter inputs
- DIP switch addressing
- Master Watchdog
- User programmable LEDs

Why use Extension I/O modules xS

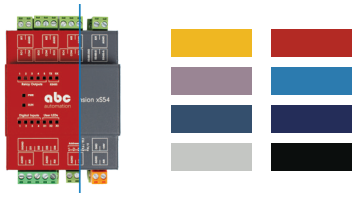


Thanks to xS modules, there is no need to expand the system with additional PLCs, resulting in cost savings, easier maintenance and system flexibility. Up to 32 extension modules can be placed on a single bus to create a network with many inputs and outputs controlled by a single PLC.



The modules are suitable for accessing technology and sensors in a location different from the switchboard with PLC. Unipi xS is then connected to the control unit with a single data cable that can run over longer distances.

Product branding



For the entire xS series, we offer customized products with your brand from 20pcs orders.

Examples of use

BUILDING AUTOMATION

HVAC

RETROFIT PROJECTS

MORE ABOUT UNIPI xS