Product data sheet

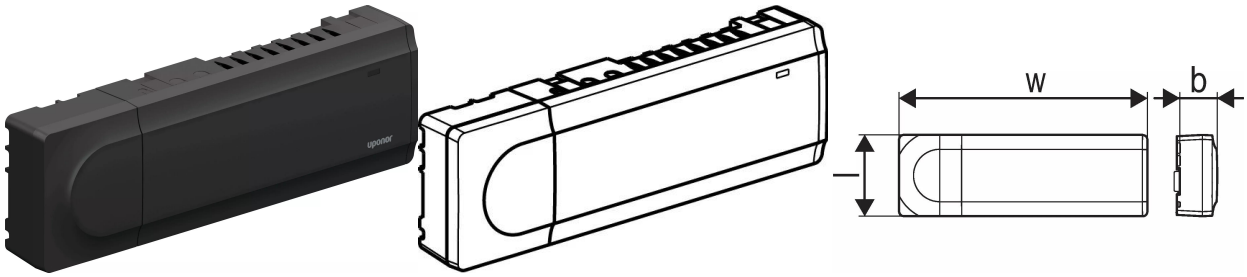


GF Uponor Smatrix Base PRO controller X-148 Modbus RTU

1120013

- Suited for Modbus RTU systems
- Supports up to 6 room thermostats and 8 actuators with option to extend to 12 room thermostats and 14 actuators
- (use 1071686)
- Contains data points for heat pump integration
- Max. power input per actuator: 24VAC / 0.2A (0.4A peak)
- Protection class: Class II IP20

- Consisting of:
- Uponor Smatrix Base PRO controller X-148 Modbus RTU
- Quick set-up guide, security instructions
- DIN rail (length: 37cm)
- Mounting material



About GF Uponor Smatrix Base PRO controller X-148 Modbus RTU

Specification

- Autobalancing optimizing energy use and comfort
- Up to 6 room thermostats and 8 actuators (24V) per controller; 6 channel expansion module option (with M-140)

Smatrix Base PRO controller X-147 with optional touch screen I-147 and KNX option
- Up to 16 controller in one system
- Daisy chain wiring or star wiring (with M-141)
- Optional: display for controller information and settings (with I-147)
- Optional: BMS integration via KNX interface (with R-147 and I-147)

Comfort settings comprises (with I-147)
-Temperature setback programs for each channel
- Max/min temperature limitations and relative humidity control
- Holiday settings and automatic summer/winter change
- Room bypass function
- Advance cooling settings and automatic summer/winter change
- Trend visualization (set point vs. room temperature, etc.)
- Accessories configuration
- Room check function and system diagnostic

Smatrix Base PRO controller X-148 Modbus RTU
Read data points
- Temperature: outdoor / room / floor
- Humidity level
- Status of: actuator / pump / boiler / general purpose input (GPI)
- Connection status of thermostat
- Dynamic heat curve offset in integrated heat pump

Read and write data points
- Room setpoint
- Min/max levels for: setpoint / floor temperature
- Settings: comfort/eco and autobalancing on/off
- Heating/cooling: state / offset
- Cooling not allowed for a room
- Integrated heat pump defrost state

Application

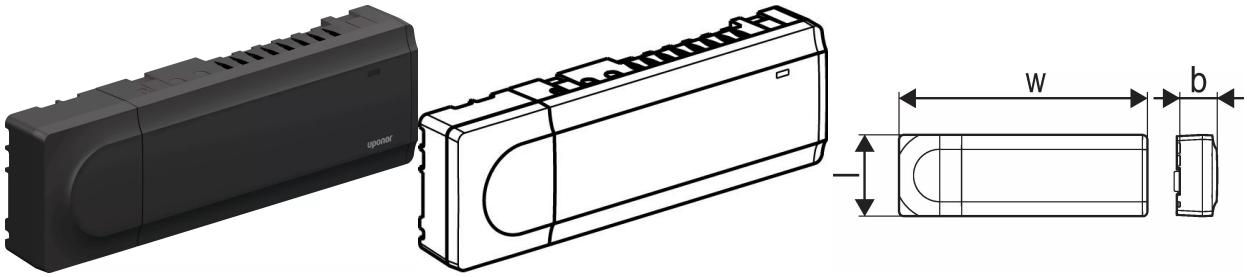
- Wired room temperature control for radiant heating and cooling
- Set point range: +5°C - +35°C

Certification

- CE, EAC

GF Uponor Smatrix Base PRO controller X-148 Modbus RTU

1120013



Product code

Item no EAN	6414905631094
Item no GF	35001120013
Item no GTIN	06414905631094
Item no LVI	2022164
Item no NRF	8361402
Item no RSK	2988993
Item no VVS	466258012

Dimensions

Item Unit Height	55
Item Unit Length	336
Item Unit Weight	1,474
Item Unit Width	110
Item_UOM	pce

Measurements

LENGTH_L	336
Z Measurement h	55
Z Measurement w	110

Packaging

Packaging GTIN PL1	06414905631100
Packaging GTIN PL2	06414905631117
Packaging GTIN PL4	06414905631124
Packaging Height PL1	80
Packaging Height PL2	300
Packaging Height PL4	1500
Packaging Length PL1	380

Packaging Length PL2	400
Packaging Length PL4	1200
Packaging Quantity PL1	1
Packaging Quantity PL2	4
Packaging Quantity PL4	96
Packaging Type PL1	Base_Box
Packaging Type PL2	Medium_Box
Packaging Type PL4	Pallet
Packaging Volume PL1	0,004712
Packaging Volume PL2	0,036
Packaging Volume PL4	1,44
Packaging Weight PL1	2,35
Packaging Weight PL2	10,9
Packaging Weight PL4	281,6
Packaging Width PL1	155
Packaging Width PL2	300
Packaging Width PL4	800

Technical documents

Download documents here

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