Product data sheet



GF Uponor Smatrix Base PRO controller X-147 Bus 6x

1087162

- supports up to 6 room thermostats and 8 actuators
- option to extend up to 12 room thermostats and 14 actuators with 1071686
- max. power input per actuator: 24VAC / 0.2A (0.4A peak)
- protection class: Class II IP20
- color: grey RAL7015

Consisting of:
- Uponor Smatrix Base PRO controller X-147 Bus 6X
- quick guide, security instructions
- micro SD card (pre-inserted)
- DIN rail (length: 37cm)
- mounting material



Application information GF Uponor Smatrix Base PRO controller X-147 Bus

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)
-pump and boiler relays
-valve and pump exercise

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 of 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-147 Bus 6x

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Product code

Item no EAN	4021598149380
Item no GF	35001087162
Item no GTIN	04021598149380
Item no LVI	2025238
Item no NRF	8361093
Item no RSK	2987797
Item no VVS	466258010

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	06414905285280
Packaging GTIN PL3	06414905285297
Packaging GTIN PL4	06414905630448
Packaging Height PL1	80
Packaging Height PL3	300
Packaging Height PL4	1500
Packaging Length PL1	370

Packaging Length PL3	400
Packaging Length PL4	1200
Packaging Quantity PL1	1
Packaging Quantity PL3	4
Packaging Quantity PL4	96
Packaging Type PL1	Base_Box
Packaging Type PL3	Box
Packaging Type PL4	Pallet
Packaging Volume PL1	0,004588
Packaging Volume PL3	0,036
Packaging Volume PL4	1,44
Packaging Weight PL1	2,725
Packaging Weight PL3	10,9
Packaging Weight PL4	281,6
Packaging Width PL1	155
Packaging Width PL3	300
Packaging Width PL4	800

Documents

Page with all documents

Excellence in Flow

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www.georgfischer.com/locations



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