

BMT-AOP2 – Analog BACnet MS/TP output module for building automation



BMT-AOP2











The BMT-(F)-AOP2 BACnet MS/TP module with 2 analog voltage outputs has been developed for local switching tasks in automation for BACnet environments. It is suitable as a variable encoder for, e.g. electric ventilation and mixing flaps, valve actuation, frequency inverters or electronic ballasts (EB) for lighting systems. The outputs about standard objects can be issued via a BACnet-Client. Via 2 potentiometers on the front, each output can be changed from automatic to manual

mode independently of each other. There are two operating modes (output voltage 0-10 V DC or 0-12 V DC) that can be set via the BACnet object "multistate value". The BMT-AOP2 modules are addressed and the bitrate is set via the two rotary switches on the front of the device. The analog output module is suitable for installation on the mounting rails TH35 in electric distributors according to IEC 60715.

Features

- > Operating voltage 24 V DC
- > Operating voltage 230 V AC with optional power supply unit NG-(F)-4
- > Output voltage 0-10 V DC or 0-12 V DC
- > Operating modes 0-10 V DC or 0-12 V DC
Change via software
- > Powerful output current 150 mA per output
- > Automatic mode or manual mode
- > Series installation of multiple devices and forwarding of the power supply and bus cabling by bridging plug from one device to another
- > Mounting rail installation according to IEC 60715
- > Optional connection to the IP world with METZ CONNECT BACnet Router BMT-(F)-RTR
- > Optional power supply unit 230 V AC to 24 V DC
- > With spring clamps (BMT-F-AOP2) or screw terminals (BMT-AOP2)
- > UL and BTL certified

Variants

| | BMT-F-AOP2 | BMT-AOP2 | BMT-RTR / BMT-F-RTR ACCESSORIES | NG4 / NG4-F ACCESSORIES |
|------------|--|--|--|--|
| |  |  |  |  |
| P/N |  110887130370 |  1108871303 |  11088001  1108800170 |  110561  11056170 |
| Properties | <ul style="list-style-type: none"> > 2 analog outputs > 0-10 V DC or 0-12 V DC, max. 150 mA/output | <ul style="list-style-type: none"> > 2 analog outputs > 0-10 V DC or 0-12 V DC, max. 150 mA/output | <ul style="list-style-type: none"> > BACnet/IP ↔ BACnet MS/TP-Router | <ul style="list-style-type: none"> > Power supply unit > IN: 230 V AC > OUT: 24 V DC/700 mA |

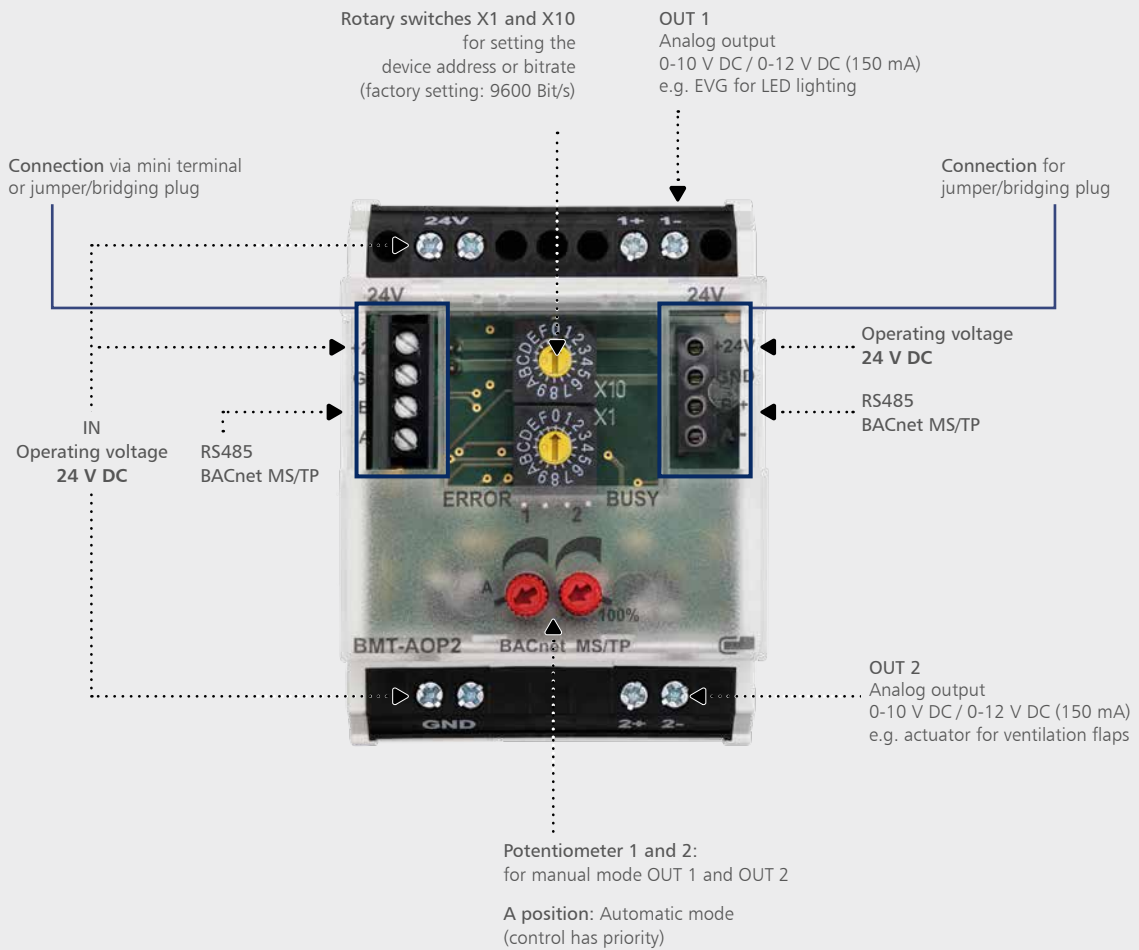
Details

Analog output module with screw terminal connection

BMT-AOP2

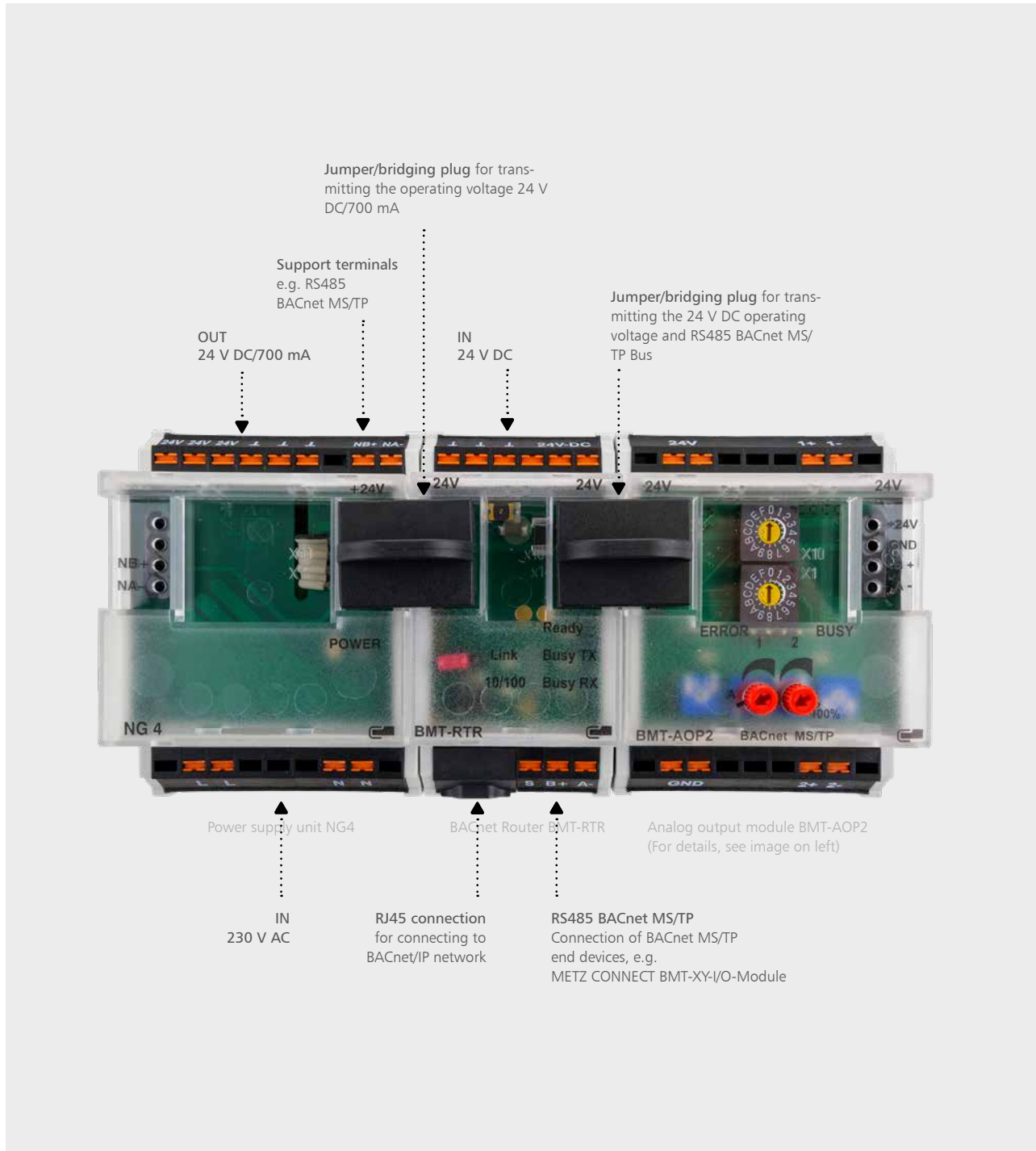


Operating modes for OUT 1 and OUT 2.
Enter the "present value" 1 for 10 V mode or 2 for 12 V mode via the BACnet object "multistate value".
See software manual at www.metz-connect.com

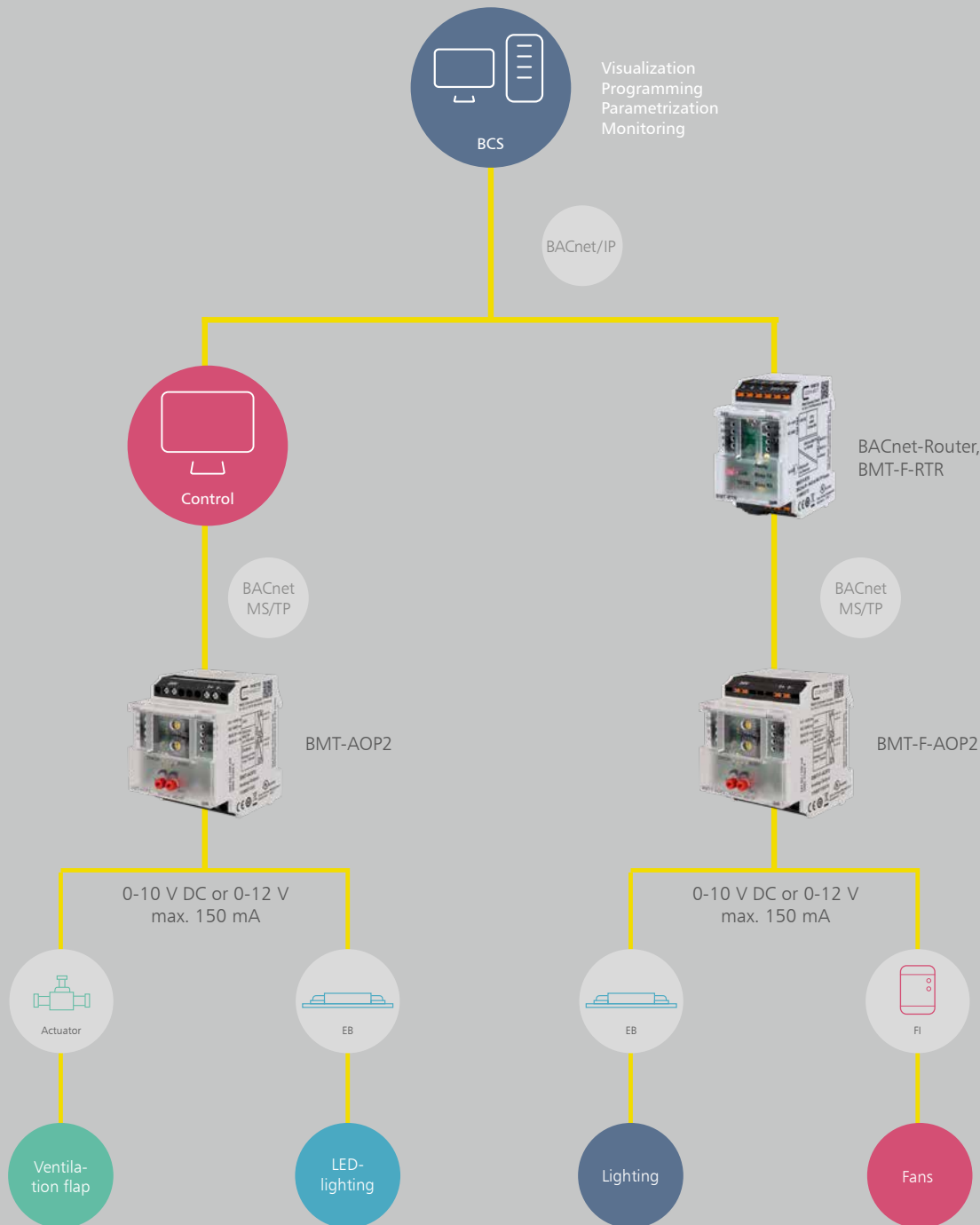


Analog output module with spring terminal connection (Push-In)

NG-F-4, BMT-F-RTR and BMT-F-AOP2



System image



BCS = Building Control System

EB = Electronic Ballasts

FI = Frequency inverter



We realize ideas

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