

Complementary specifications

BMXAMO0210 analog output module

The **BMXAMO0210** module is a module with 2 high-level isolated outputs (0.15 bits + sign).
The **BMXAMO0210** module offers the following ranges for each of the inputs depending on the choice made during configuration:

- Voltage: ± 10 V
- Current: 0 to 20 mA and 4 to 20 mA

BMXAMO0410/0802 analog output modules

The **BMXAMO0410/0802** analog output modules are modules with 4 or 8 high-level isolated/non-isolated analog outputs (16 bits/15 bits + sign).

The **BMXAMO0410** module offers the following ranges for each of the outputs depending on the choice made during configuration:

- Voltage: ± 10 V
- Current: 0 to 20 mA and 4 to 20 mA

The **BMXAMO0802** module offers the current ranges 0 to 20 mA and 4 to 20 mA.

BMXAMM0600 analog mixed I/O module

The **BMXAMM0600** mixed module is a non-isolated I/O module with 4 inputs (14/12) bits and 2 outputs (12 bits).
The module offers the following ranges for each of the inputs or outputs depending on the choice made during configuration:

- Voltage: ± 10 V, 0 to 10 V, 0 to 5 V and 1 to 5 V
- Current: 0 to 20 mA and 4 to 20 mA

References

Analog input modules (1)

Type of input	Input signal range	Resolution	Connection	No. of channels	Reference	Weight kg
Isolated high-level inputs	± 10 V, 0 to 10 V, 0 to 5 V, 1 to 5 V, ± 5 V, 0 to 20 mA, 4 to 20 mA, ± 20 mA	16 bits	Removable terminal block, 20-way cage clamp, screw clamp or spring-type	4 channels	BMXAMI0410	0.143
High-level inputs non-isolated	± 10 V, 0 to 10 V, 0 to 5 V, 1 to 5 V, ± 5 V, 0 to 20 mA	15 bits + sign	Removable terminal block, 28-way, spring-type	8 channels	BMXAMI0800	0.175
Isolated high-level inputs	± 10 V, 0 to 10 V, 0 to 5 V, 1 to 5 V, ± 5 V, 0 to 20 mA, sign	15 bits + sign	Removable terminal block, 28 way, spring-type	8 channels	BMXAMI0810	0.175
Isolated low-level inputs	Temperature probe, thermocouple, ± 40 mV, ± 80 mV, ± 160 mV, ± 320 mV, ± 640 mV, ± 1.28 V	15 bits + sign	40-way connector	4 channels	BMXART0414	0.135
				8 channels	BMXART0814	0.165



BMXAMO0210



BMXART0414

Analog output modules (1)

Type of outputs	Output signal range	Resolution	Connection	No. of channels	Reference	Weight kg
Isolated high-level outputs	± 10 V, 0 to 20 mA, 4 to 20 mA	16 bits	Removable terminal block, 20-way, cage clamp, screw clamp or spring-type	2 channels	BMXAMO0210	0.144
High-level outputs isolated	± 10 V, 0 to 20 mA, 4 to 20 mA, ± 20 mA	15 bits + sign	Removable terminal block, 20-way, cage clamp, screw clamp or spring-type	4 channels	BMXAMO0410	0.175
High-level outputs non-isolated	0 to 20 mA, 4 to 20 mA	15 bits + sign	Removable terminal block, 20-way, cage clamp, screw clamp or spring-type	8 channels	BMXAMO0802	0.175

Analog mixed I/O module (1)

Type of I/O	Signal range	Resolution	Connection	No. of channels	Reference	Weight kg
Mixed I/O, non-isolated	± 10 V, 0 to 10 V, 0 to 5 V, 1 to 5 V, 0 to 20 mA, 4 to 20 mA	14 bits or 12 bits depending on the range	Removable terminal block, 20-way, cage clamp, screw clamp or spring-type	Inputs: 4 channels Outputs: 2 channels	BMXAMM0600	0.155

(1) Typical consumption: See the power consumption table on page 7/16.