



ABB i-bus® KNX, STO/G

ZS/S 1.1 Meter Interface Module ETS Parameter settings for EQ Energy Meters (A-/B-Series)

ZS/S 1.1 Meter Interface Module

ETS Parameter settings (A-/B-Series)



Click on meter series which shall be read out via ZS/S:

A-Series

B-Series

In the ETS application program ZS/S, the connected meter must be parameterized. The features and functions of the meter must be taken into account, even if they are not used.

Example: A meter of type A43 311 -100 has 4 tariffs. These must be set in the ETS parameter *Tariffs* (parameter option: yes), even if tariffs are not used or read.

- The red LED of the Meter Interface Module flashes when the connected meter does not meet the parameter settings in the ETS! The energy and measured values are still transmitted correctly. The LED is permanently on if the IR communication is disrupted.

ZS/S 1.1 Meter Interface Module

ETS Parameter settings A-Series



Click on meter type which shall be read out via ZS/S:

| Steel ■ | Bronze ■ | Silver ■ | Gold ■ | Platinum ■ |
|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| A41 11x - 100 | A41 21x - 100 | A41 31x - 100 | A41 41x - 100 | A41 51x - 100 |
| A42 11x - 100 | A42 21x - 100 | A42 31x - 100 | A42 41x - 100 | A42 55x - 100 |
| A43 1xx - 100 | A43 21x - 100 | A43 31x - 100 | A43 41x - 100 | A43 51x - 100 |
| A44 11x - 100 | A44 21x - 100 | A44 3xx - 100 | A44 45x - 100 | A44 55x - 100 |

ZS/S 1.1 Meter Interface Module

ETS Parameter settings B-Series



Click on meter type which shall be read out via ZS/S:

| Steel ■ | Bronze ■ | Silver ■ |
|-------------------------------|-------------------------------|-------------------------------|
| B21 11x - 100 | B21 21x - 100 | B21 31x - 100 |
| B23 1xx - 100 | B23 21x - 100 | B23 31x - 100 |
| B24 11x - 100 | B24 21x - 100 | B24 3xx - 100 |



A41

ZS/S 1.1 Meter Interface Module

ETS Parameter settings A41 *Steel*



| | |
|------------------------------|--|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Active Energy Meter (direct connected) ▼ |
| Voltage network | 2-Wire (L, N) ▼ |
| Tariffs | No Tariffs ▼ |
| Register for exported energy | no ▼ |

ZS/S 1.1 Meter Interface Module

ETS Parameter settings A41 *Bronze*



| | |
|------------------------------|--|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Combination Meter (direct connected) ▼ |
| Voltage network | 2-Wire (L, N) ▼ |
| Tariffs | No Tariffs ▼ |
| Register for exported energy | yes ▼ |

ZS/S 1.1 Meter Interface Module

ETS Parameter settings A41 *Silver, Gold, Platinum*



| | |
|------------------------------|--|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Combination Meter (direct connected) ▼ |
| Voltage network | 2-Wire (L, N) ▼ |
| Tariffs | 4 Tariffs ▼ |
| Register for exported energy | yes ▼ |



A42

ZS/S 1.1 Meter Interface Module

ETS Parameter settings A42 Steel



| | |
|---------------------------------------|---|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Active Energy Meter (transformer rated) ▼ |
| Send power and instrument values as * | secondary values ▼ |
| Send Meter Reading values as* | secondary values (4-Byte object type) ▼ |
| Voltage network | 2-Wire (L, N) ▼ |
| Tariffs | No Tariffs ▼ |
| Register for exported energy | no ▼ |

* freely adjustable

ZS/S 1.1 Meter Interface Module

ETS Parameter settings *A42 Bronze*



| | |
|---------------------------------------|---|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Combination Meter (transformer rated) ▼ |
| Send power- and instrument values as* | secondary values ▼ |
| Send Meter Reading values as* | secondary values (4-Byte object type) ▼ |
| Voltage network | 2-Wire (L, N) ▼ |
| Tariffs | No Tariffs ▼ |
| Register for exported energy | yes ▼ |

* freely adjustable

ZS/S 1.1 Meter Interface Module

ETS Parameter settings *A42 Silver, Gold, Platinum*



| | |
|--|---|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Combination Meter (transformer rated) ▼ |
| Send power- and instrument values as * | secondary values ▼ |
| Send Meter Reading values as * | secondary values (4-Byte object type) ▼ |
| Voltage network | 2-Wire (L, N) ▼ |
| Tariffs | 4 Tariffs ▼ |
| Register for exported energy | yes ▼ |

* freely adjustable



A43

ZS/S 1.1 Meter Interface Module

ETS Parameter settings A43 Steel



| | |
|------------------------------|--|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Active Energy Meter (direct connected) ▼ |
| Voltage network* | 4-Wire (L1, L2, L3, N) ▼ |
| Tariffs | No Tariffs ▼ |
| Register for exported energy | no ▼ |

* NOTE:

Settings in ETS parameter *Voltage network* (4-wire or 3-wire) must be identical with voltage network settings in the meter.

ZS/S 1.1 Meter Interface Module

ETS Parameter settings A43 *Bronze*



| | |
|------------------------------|--|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Combination Meter (direct connected) ▼ |
| Voltage network* | 4-Wire (L1, L2, L3, N) ▼ |
| Tariffs | No Tariffs ▼ |
| Register for exported energy | yes ▼ |

* NOTE:
Settings in ETS parameter *Voltage network* (4-wire or 3-wire) must be identical with voltage network settings in the meter.

ZS/S 1.1 Meter Interface Module

ETS Parameter settings *A43 Silver, Gold, Platinum*



| | |
|------------------------------|--|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Combination Meter (direct connected) ▼ |
| Voltage network* | 4-Wire (L1, L2, L3, N) ▼ |
| Tariffs | 4 Tariffs ▼ |
| Register for exported energy | yes ▼ |

* NOTE:

Settings in ETS parameter *Voltage network* (4-wire or 3-wire) must be identical with voltage network settings in the meter.



A44

ZS/S 1.1 Meter Interface Module

ETS Parameter settings A44 Steel



| | |
|--------------------------------------|---|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Active Energy Meter (transformer rated) ▼ |
| Send power and instrument values as* | secondary values ▼ |
| Send Meter Reading values as* | secondary values (4-Byte object type) ▼ |
| Voltage network** | 4-Wire (L1, L2, L3, N) ▼ |
| Tariffs | No Tariffs ▼ |
| Register for exported energy | no ▼ |

* freely adjustable

** NOTE:

Settings in ETS parameter *Voltage network* (4-wire or 3-wire) must be identical with voltage network settings in the meter.

ZS/S 1.1 Meter Interface Module

ETS Parameter settings A44 *Bronze*



| | |
|--|---|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Combination Meter (transformer rated) ▼ |
| Send power- and instrument values as * | secondary values ▼ |
| Send Meter Reading values as * | secondary values (4-Byte object type) ▼ |
| Voltage network ** | 4-Wire (L1, L2, L3, N) ▼ |
| Tariffs | No Tariffs ▼ |
| Register for exported energy | yes ▼ |

* freely adjustable

** NOTE:

Settings in ETS parameter *Voltage network* (4-wire or 3-wire) must be identical with voltage network settings in the meter.

ZS/S 1.1 Meter Interface Module

ETS Parameter settings A44 *Silver, Gold, Platinum*



| | |
|---------------------------------------|---|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Combination Meter (transformer rated) ▼ |
| Send power- and instrument values as* | secondary values ▼ |
| Send Meter Reading values as* | secondary values (4-Byte object type) ▼ |
| Voltage network** | 4-Wire (L1, L2, L3, N) ▼ |
| Tariffs | 4 Tariffs ▼ |
| Register for exported energy | yes ▼ |

* freely adjustable

** NOTE:

Settings in ETS parameter *Voltage network* (4-wire or 3-wire) must be identical with voltage network settings in the meter.



B21

ZS/S 1.1 Meter Interface Module

ETS Parameter settings B21 *Steel*



| | |
|------------------------------|--|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Active Energy Meter (direct connected) ▼ |
| Voltage network | 2-Wire (L, N) ▼ |
| Tariffs | No Tariffs ▼ |
| Register for exported energy | no ▼ |

ZS/S 1.1 Meter Interface Module

ETS Parameter settings B21 *Bronze*



| | |
|------------------------------|--|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Combination Meter (direct connected) ▼ |
| Voltage network | 2-Wire (L, N) ▼ |
| Tariffs | No Tariffs ▼ |
| Register for exported energy | yes ▼ |

ZS/S 1.1 Meter Interface Module

ETS Parameter settings B21 *Silver*



| | |
|------------------------------|--|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Combination Meter (direct connected) ▼ |
| Voltage network | 2-Wire (L, N) ▼ |
| Tariffs | 4 Tariffs ▼ |
| Register for exported energy | yes ▼ |



B23

ZS/S 1.1 Meter Interface Module

ETS Parameter settings B23 *Steel*



| | |
|------------------------------|--|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Active Energy Meter (direct connected) ▼ |
| Voltage network * | 4-Wire (L1, L2, L3, N) ▼ |
| Tariffs | No Tariffs ▼ |
| Register for exported energy | no ▼ |

* NOTE:

Settings in ETS parameter *Voltage network* (4-wire or 3-wire) must be identical with voltage network settings in the meter.

ZS/S 1.1 Meter Interface Module

ETS Parameter settings B23 *Bronze*



| | |
|------------------------------|--|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Combination Meter (direct connected) ▼ |
| Voltage network* | 4-Wire (L1, L2, L3, N) ▼ |
| Tariffs | No Tariffs ▼ |
| Register for exported energy | yes ▼ |

* NOTE:

Settings in ETS parameter *Voltage network* (4-wire or 3-wire) must be identical with voltage network settings in the meter.

ZS/S 1.1 Meter Interface Module

ETS Parameter settings B23 *Silver*



| | |
|------------------------------|--|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Combination Meter (direct connected) ▼ |
| Voltage network [*] | 4-Wire (L1, L2, L3, N) ▼ |
| Tariffs | 4 Tariffs ▼ |
| Register for exported energy | yes ▼ |

*** NOTE:**

Settings in ETS parameter *Voltage network* (4-wire or 3-wire) must be identical with voltage network settings in the meter.



B24

ZS/S 1.1 Meter Interface Module

ETS Parameter settings B24 *Steel*



| | |
|---------------------------------------|---|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Active Energy Meter (transformer rated) ▼ |
| Send power and instrument values as * | secondary values ▼ |
| Send Meter Reading values as * | secondary values (4-Byte object type) ▼ |
| Voltage network ** | 4-Wire (L1, L2, L3, N) ▼ |
| Tariffs | No Tariffs ▼ |
| Register for exported energy | no ▼ |

* freely adjustable

** NOTE:

Settings in ETS parameter *Voltage network* (4-wire or 3-wire) must be identical with voltage network settings in the meter.

ZS/S 1.1 Meter Interface Module

ETS Parameter settings B24 *Bronze*



| | |
|---------------------------------------|---|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Combination Meter (transformer rated) ▼ |
| Send power- and instrument values as* | secondary values ▼ |
| Send Meter Reading values as* | secondary values (4-Byte object type) ▼ |
| Voltage network** | 4-Wire (L1, L2, L3, N) ▼ |
| Tariffs | No Tariffs ▼ |
| Register for exported energy | yes ▼ |

* freely adjustable

** NOTE:

Settings in ETS parameter *Voltage network* (4-wire or 3-wire) must be identical with voltage network settings in the meter.

ZS/S 1.1 Meter Interface Module

ETS Parameter settings B24 *Silver*



| | |
|---------------------------------------|---|
| Meter type | A4x (A-Series), B2x (B-Series) ▼ |
| Configuration | Combination Meter (transformer rated) ▼ |
| Send power- and instrument values as* | secondary values ▼ |
| Send Meter Reading values as* | secondary values (4-Byte object type) ▼ |
| Voltage network** | 4-Wire (L1, L2, L3, N) ▼ |
| Tariffs | 4 Tariffs ▼ |
| Register for exported energy | yes ▼ |

* freely adjustable

** NOTE:

Settings in ETS parameter *Voltage network* (4-wire or 3-wire) must be identical with voltage network settings in the meter.

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