

AS-i gateway - ASI MA IL UNI - 2736628

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AS-i Gateway for Inline, IP20 protection, color: Green

Product Description

This AS-Interface gateway allows an AS-i 2.1 system to be connected to the Inline system. It forms part of an Inline station in IP20 degree of protection and can also be used in Inline systems for PROFIBUS, PROFINET, DeviceNet™ or Ethernet.

The configuration of the AS-i system is performed directly on the device by means of pushbuttons, or by means of parameterization via software. AS-Interface can also be integrated into the Inline system using CMD software. The gateway has a 3-digit, 7-segment display to display the status and diagnostics results.

The ASI MA IL UNI gateway is easy to service and maintain, like all the modules in the Inline series:

- Pluggable wiring
- Extensive diagnostics displays for the local bus and AS-Interface.
- Automatic power supply when snapped into the Inline station
- Terminal points labeled with Zack marker strips

As the AS-i master, the gateway can operate up to 62 AS-i slaves in accordance with extended specification 2.1.

Product Features

- PROFIBUS
- CANopen®
- DeviceNet™
- EtherNet/IP™
- PROFINET
- INTERBUS



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 295.8 g |
| Custom tariff number | 85176200 |
| Country of origin | Germany |

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Technical data

Note

| | |
|-------------------------|---|
| Utilization restriction | EMC: class A product, see manufacturer's declaration in the download area |
|-------------------------|---|

Dimensions

| | |
|--------|----------|
| Width | 73.2 mm |
| Height | 119.8 mm |
| Depth | 71.5 mm |

Ambient conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -25 °C ... 55 °C |
| Ambient temperature (storage/transport) | -25 °C ... 85 °C |
| Degree of protection | IP20 |

Interfaces

| | |
|-------------------|--------------------|
| Interface | Inline local bus |
| Connection method | Inline data jumper |

Power supply

| | |
|-----------------------------|--------------------------------|
| Typical current consumption | 200 mA (from the AS-i network) |
|-----------------------------|--------------------------------|

Electrical isolation

| | |
|--------------|--|
| Test section | Electrical isolation AS-i / INTERBUS 500 V AC 50 Hz 1 min. |
|--------------|--|

Operating elements

| | |
|-----------------------|---|
| Keys | 2 buttons (Mode/Set) for configuring the AS-i network |
| Number of AS-i slaves | 62 |
| Number of PCP data | 1 word |
| Local diagnostics | Addresses, error messages 3-character display |
| | Operating voltage AS-i (U ASI) Green LED |
| | Automatic address programming active Green LED |
| | Configuration mode active (PRJ Enable) Yellow LED |
| | AS-i configure error (CONFIG ERR) LED red |
| | PCP communication PCP communication Green LED |
| | Local bus diagnostics Local bus diagnostics Green LED |

General

| | |
|--------|-------|
| Weight | 210 g |
|--------|-------|

Inline potentials

| | |
|--------------------------------|-------------|
| Communications power U_L | 7.5 V |
| Current consumption from U_L | typ. 160 mA |

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Technical data

Standards and Regulations

| | |
|---|--|
| Test section | Electrical isolation AS-i / INTERBUS 500 V AC 50 Hz 1 min. |
| Free from substances that could impair the application of coating | Yes |
| Vibration (operation) | DIN EN 60068-2-6 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27250203 |
| eCl@ss 4.1 | 27250203 |
| eCl@ss 5.0 | 27242208 |
| eCl@ss 5.1 | 27242608 |
| eCl@ss 6.0 | 27242208 |
| eCl@ss 7.0 | 27242208 |
| eCl@ss 8.0 | 27242608 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001434 |
| ETIM 3.0 | EC001604 |
| ETIM 4.0 | EC001604 |
| ETIM 5.0 | EC001604 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11 | 43172015 |
| UNSPSC 12.01 | 43201404 |
| UNSPSC 13.2 | 43201404 |

Approvals

Approvals

Approvals

ASI-Interface

Ex Approvals

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Approvals

Approvals submitted

Approval details

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|---------------|
| ASI-Interface |
|---------------|

Accessories

Accessories

Data cable by the meter

Flat-ribbon conductor - VS-ASI-FC-PUR-YE 100M - 1404883



AS-Interface PUR flat conductor in yellow, 2 x 1.5 mm², 100 m ring

Flat-ribbon conductor - VS-ASI-FC-PVC-UL-YE 100M - 1404906



AS-Interface PVC flat conductor with UL in yellow, 2 x 1.5 mm², 100 m ring

Flat-ribbon conductor - VS-ASI-FC-TPE-UL-YE 100M - 1404922



AS-Interface TPE flat conductor with UL in yellow, 2 x 1.5 mm², 100 m ring

Flat-ribbon conductor - VS-ASI-FC-EPDM-YE 100M - 1432402



AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm², 100 m ring

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Accessories

Drawings

Dimensional drawing

