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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



Technical data

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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



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



Approvals

Approvals submitted

Approval details

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



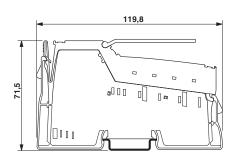
AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm², 100 m ring



Accessories

Drawings

Dimensional drawing



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