

ASI MA IL UNI - AS-i gateway

2736628

<https://www.phoenixcontact.com/us/products/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.

Your advantages

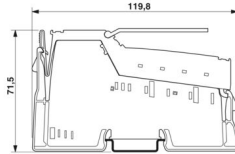
- DeviceNet™
- INTERBUS
- PROFINET
- EtherNet/IP™
- CANopen®
- PROFIBUS

Commercial data

Item number	2736628
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DR01
Product key	DRI153
GTIN	4017918974282
Weight per piece (including packing)	255.2 g
Weight per piece (excluding packing)	210 g
Customs tariff number	85176200
Country of origin	DE

Technical data

Dimensions

Dimensional drawing	
Width	73.2 mm
Height	119.8 mm
Depth	71.5 mm

Material specifications

Color	green
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Interfaces

Inline local bus

Connection method	Inline data jumper
Transmission speed	500 kbps

AS-Interface

Bus system	AS-Interface
Connection method	Inline connector
Transmission speed	167 kbps

System properties

Local diagnostics

Monitored function	Addresses, error messages
Optical representation	3-character display

Module

ID code (dec.)	223
ID code (hex)	DF
Length code (hex)	0F
Length code (dec)	15
Process data channel	30 Byte
Input address area	max. 30 Byte
Output address area	max. 30 Byte
Register length	32 Byte
Required parameter data	1 Byte
Required configuration data	5 Byte

Product properties

Product type	I/O component
Product family	Inline
Type	modular

Insulation characteristics

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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Electrical properties

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

Supply

Max. current consumption	supply for module electronics for Inline local bus
Typical current consumption	200 mA (from the AS-i network)

Potentials

Supply voltage	7.5 V
Current draw	typ. 160 mA

Connection data

Connection method	Spring-cage connection
Stripping length	8 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	75 % ... 85 %
Permissible humidity (storage/transport)	75 % ... 85 %
Vibration (operation)	DIN EN 60068-2-6

Standards and regulations

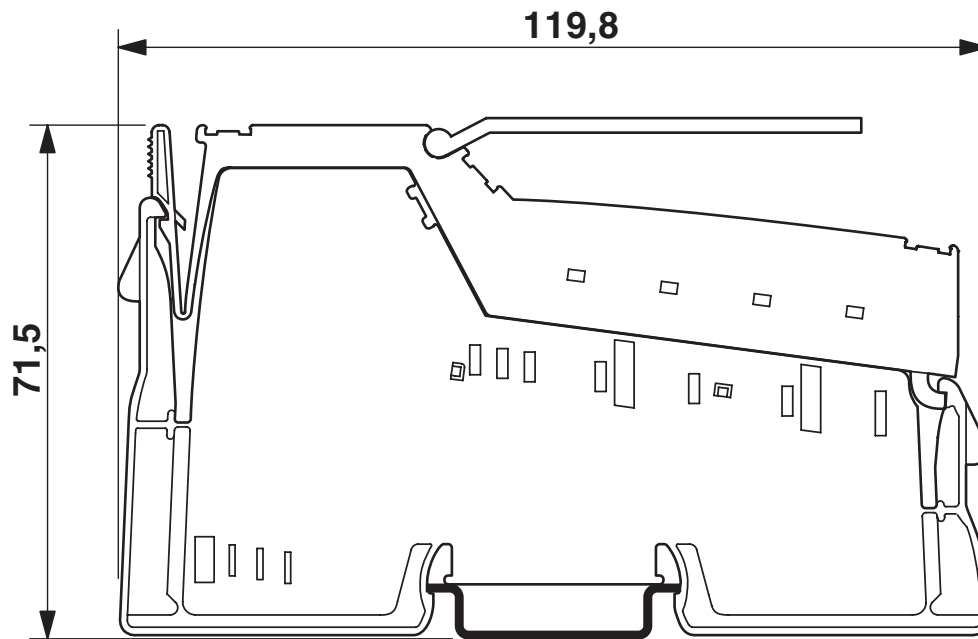
Free from substances that could impair the application of coating	Yes
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Mounting

Mounting type	DIN rail mounting
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Drawings

Dimensional drawing



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Classifications

UNSPSC

UNSPSC 21.0	32151602
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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