

ASI MA PB PL - AS-i gateway



2741244

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AS-i Gateway for PROFIBUS-DP, 31 single slaves, IP65 protection, incl. EMS lower part

Product description

This AS-Interface gateway allows an AS-i 2.0 system to be connected to PROFIBUS. It is a PROFIBUS-DP device with IP65 protection. Data transmission speed of up to 12 Mbaud are supported and automatically set.

The configuration of the AS-i system is done directly on the device by means of pushbuttons, or by means of parameterization via software. The gateway has a 2-digit, 7-segment display to display the status and diagnostics results.

Commercial data

Item number	2741244
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DR03
Product key	DRI612
GTIN	4017918190040
Weight per piece (including packing)	450.7 g
Weight per piece (excluding packing)	0.01 g
Customs tariff number	85389091
Country of origin	DE

Technical data

Product properties

Type	Block design
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System properties

Local diagnostics

Monitored function	Addresses, error messages
Optical representation	2-character display

Electrical properties

Local diagnostics	Addresses, error messages 2-character display
	Operating voltage, electronics module (UL) Green LED
	Operating voltage AS-i (U ASI) Green LED
	AS-i transmission (ASI ACTIVE) Green LED
	Programming mode active (PRG Enable) Green LED
	Configuration mode active (PRJ Enable) Yellow LED
	AS-i configure error (CONFIG ERR) LED red
Test section	Electrical isolation AS-i / INTERBUS 500 V AC

Supply

Max. current consumption	supply for the module electronics from the external AS-i power supply unit
Typical current consumption	200 mA (from the AS-i network)

Interfaces

AS-Interface

Connection method	Flat-ribbon cable penetration technique
Transmission speed	9.6 kbps

PROFIBUS (in acc. with DIN 19245, part 3)

Connection method	Pg screw connection
Transmission speed	9.6 kbps (up to 12 Mbps - automatic recognition)

Dimensions

Width	91 mm
Height	70 mm
Length	80 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

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Mounting

Mounting type	DIN rail mounting
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Environmental product compliance

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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