

FLX ASI MA 2 PB EF - AS-i gateway



2773607

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AS-Interface (AS-i)-Gateway for PROFIBUS DP with extended function, double master, IP20 degree of protection, as per AS-i specification 3.0

Product description

The Fieldline Extension AS-Interface gateway for PROFIBUS FLX ASI MA 2 PB EF enables easy integration of two AS-Interface networks into a PROFIBUS DP system. The device has a rugged, high-grade steel housing with the IP20 degree of protection and is intended for use in the control cabinet.

The gateway enables the operation of AS-Interface slaves with expanded addressing and is specified according to the AS-Interface specification 3.0.

Downward compatibility with AS-i slaves of older specifications is also facilitated.

The connected AS-i slaves can be easily addressed through the AS-Interface gateway using the "Mode" and "Set" keys as well as a 7-segment display.

In the extended display mode, each of the two AS-i circuits can be extensively parameterized and diagnosed with the help of the multi-line LCD display and the "OK", "Up" and "Down" keys.

Your advantages

- For one or two AS-Interface networks
- AS-Interface specification 3.0
- IP20 degree of protection
- Stainless steel housing

Commercial data

Item number	2773607
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DR03
Product key	DRI612
GTIN	4046356434508
Weight per piece (including packing)	507.8 g
Weight per piece (excluding packing)	460 g
Customs tariff number	90328900
Country of origin	DE

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Technical data

Notes

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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Product properties

Product type	Gateways/Proxies
Product family	Fieldline
Type	Block design

System properties

Local diagnostics

Monitored function	Addresses, error messages
Optical representation	Via four-line LCD

Electrical properties

Local diagnostics	Addresses, error messages	Via four-line LCD
	power Operating voltage, electronics module (UL)	Green LED
	U AS-i Operating voltage AS-i (U ASI)	Green LED
	AS-i active AS-i transmission (ASI ACTIVE)	Green LED
	prg enable Programming mode active, automatic slave programming possible	Green LED
	prj mode Configuration mode active (PRJ Enable)	Yellow LED
	fault AS-i configure error (CONFIG ERR)	LED red
PROFIBUS Device/network status	Green LED	

Supply

Max. current consumption	200 mA
Typical current consumption	approx. 200 mA (from AS-i circuit 1)
	approx. 70 mA (from AS-i circuit 2)

Connection data

Connection method	Spring-cage connection with direct connector-in method
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Interfaces

PROFIBUS DP remote bus

Bus system	PROFIBUS DP
Connection method	D-SUB 9 plug
Transmission speed	9.6 kbps ... 12 Mbps
Transmission physics	PROFIBUS-DP-compliant copper cable

AS-Interface

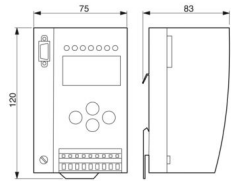
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Bus system	AS-Interface
Connection method	2-pos. COMBICON connector
Transmission physics	Copper
Bus system	RS-232
Connection method	RS-232-C, 6-pos. MINI-DIN socket (PS/2)

Dimensions

Dimensional drawing	
Width	75 mm
Height	120 mm
Depth	83 mm

Material specifications

Color	white aluminum
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

Mounting

Mounting type	DIN rail mounting
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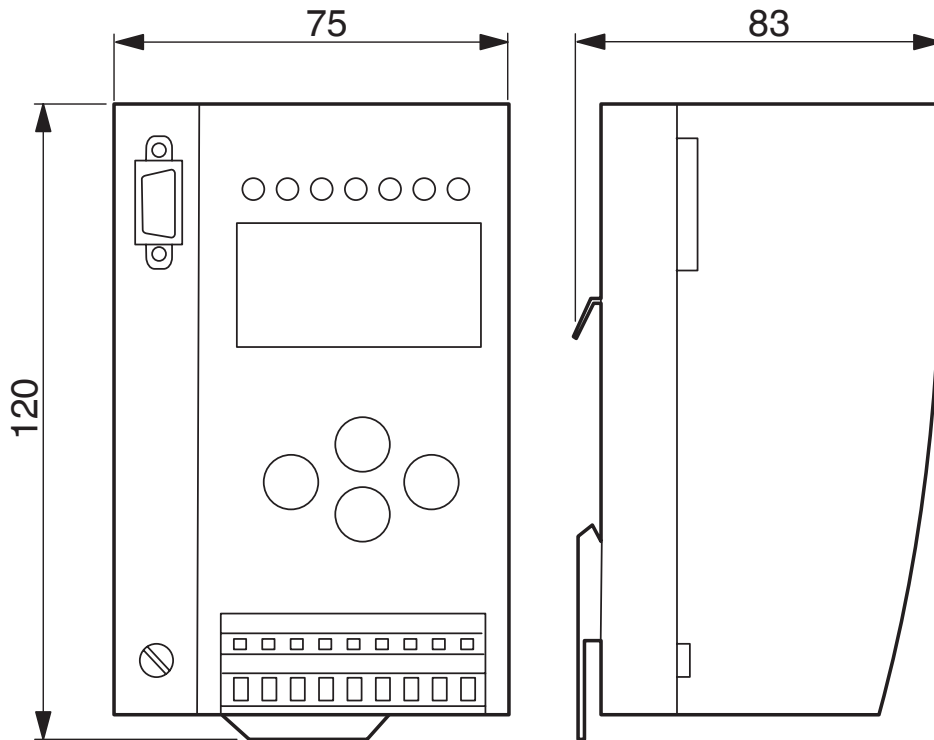


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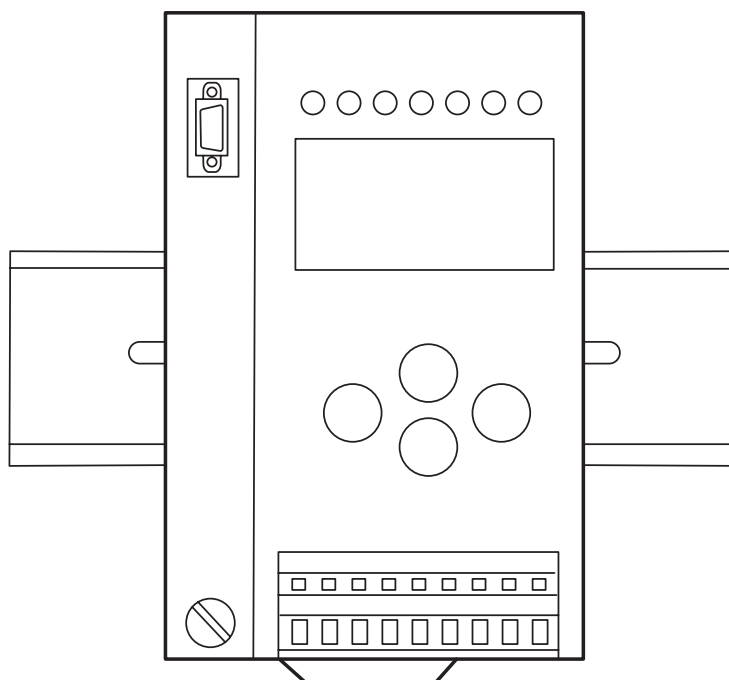
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Drawings

Dimensional drawing



Application drawing



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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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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