

## Converter - FB-HSB-DP/PA - 2316370

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PROFIBUS DP to PROFIBUS PA coupler

### Product Description

PROFIBUS coupler/link products transparently convert PROFIBUS DP to PROFIBUS PA, while providing detailed network diagnostics and an oscilloscope feature for PROFIBUS PA

### Product Features

- One communication interface module can drive up to ten individual PROFIBUS DP or PROFIBUS PA modules
- Auto detect any baud rate up to 12 Mbps transparently
- Powerful, embedded web server for configuration and access to network diagnostics
- Manage and configure PROFIBUS field devices using FDT/DTM



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	900.0 g
Country of origin	Netherlands

### Technical data

#### Dimensions

Width	75 mm
Height	100 mm
Depth	132 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 60 °C
Degree of protection	IP20

#### General

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## Technical data

### General

Mounting position	On horizontal DIN rail NS 35 in acc. with EN 60715
Net weight	894.3 g
Color	green
UL, USA / Canada	UL 508 Listed
UL, Canada	CSA C22.2 No. 142

### Power supply

Supply voltage range	10.8 V DC ... 26.4 V DC
Max. current consumption	800 mA
Conductor cross section flexible max.	2.50 mm <sup>2</sup>
Conductor cross section flexible min.	0.20 mm <sup>2</sup>
Conductor cross section solid max.	2.50 mm <sup>2</sup>
Conductor cross section solid min.	0.20 mm <sup>2</sup>
Conductor cross section AWG max.	12
Conductor cross section AWG min.	24

### Serial interface

Interface 1	Ethernet
Interface	10/100 Mbps Ethernet
Connection method	RJ45
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12

### Standards and Regulations

UL, USA / Canada	UL 508 Listed
UL, Canada	CSA C22.2 No. 142

## Articles in set

Repeater - FB-DP-RPTR - 2316373



PROFIBUS DP interface/repeater module

## Converter - FB-HSB-DP/PA - 2316370

### Articles in set

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#### Repeater - FB-PA/SC - 2316375



PROFIBUS PA interface module with oscilloscope

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#### Converter - FB-HSB - 2316379

Head station for monitoring one PROFIBUS network

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## Classifications

### eCl@ss

eCl@ss 5.1	27242208
eCl@ss 6.0	27242208
eCl@ss 8.0	27242608
eCl@ss 9.0	27242608

### ETIM

ETIM 5.0	EC001604
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## Accessories

### Accessories

#### Device coupler

#### Repeater - FB-DP-RPTR - 2316373



PROFIBUS DP interface/repeater module

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## Converter - FB-HSB-DP/PA - 2316370

### Accessories

Repeater - FB-DP-RPTR/SC - 2316374



PROFIBUS DP interface/repeater module with oscilloscope functionality

Repeater - FB-PA/SC - 2316375



PROFIBUS PA interface module with oscilloscope

Converter - FB-HSC - 2316371

Head station for monitoring up to four PROFIBUS networks

### Drawings

Dimensional drawing

