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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Converter - FB-HSB-DP-SC/PA - 2316381

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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 and PROFIBUS DP

### Why buy this product

- ✓ 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 STK
Weight per Piece (excluding packing)	900.000 g
Custom tariff number	85176200
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

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## Technical data

### General

Mounting position	On horizontal DIN rail NS 35 in acc. with EN 60715
Net weight	0 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/SC - 2316374



PROFIBUS DP interface/repeater module with oscilloscope functionality

# Converter - FB-HSB-DP-SC/PA - 2316381

## 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-SC/PA - 2316381

### Accessories

Repeater - FB-DP-RPTR/SC - 2316374



PROFIBUS DP interface/repeater module with oscilloscope functionality

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Repeater - FB-PA/SC - 2316375



PROFIBUS PA interface module with oscilloscope

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Converter - FB-HSC - 2316371



Head station for monitoring up to four PROFIBUS networks

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