

Repeater - FB-HSB-DP-SC - 2316382

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



PROFIBUS DP to PROFIBUS PA coupler

Product Description

PROFIBUS head station with a PROFIBUS DP repeater provides network diagnostics and an oscilloscope feature.

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)	600.000 g
Custom tariff number	85176200
Country of origin	Netherlands

Technical data

Ambient conditions

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

General

Mounting position	On horizontal DIN rail NS 35 in acc. with EN 60715
Net weight	22.22 g
Color	green

Repeater - FB-HSB-DP-SC - 2316382

Technical data

General

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 ²
Conductor cross section flexible min.	0.20 mm ²
Conductor cross section solid max.	2.50 mm ²
Conductor cross section solid min.	0.20 mm ²
Conductor cross section AWG max.	12
Conductor cross section AWG min.	24

Serial interface

Interface 1	Ethernet
Interface	10/100 Mbps Ethernet
Number of connections	1
Connection method	RJ45
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
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

Repeater - FB-HSB-DP-SC - 2316382

Articles in set

Converter - FB-HSB - 2316379



Head station for monitoring one PROFIBUS network

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
ETIM 6.0	EC001604

UNSPSC

UNSPSC 13.2	32151602
-------------	----------

Accessories

Accessories

Device coupler

Repeater - FB-DP-RPTR - 2316373



PROFIBUS DP interface/repeater module

Repeater - FB-DP-RPTR/SC - 2316374



PROFIBUS DP interface/repeater module with oscilloscope functionality

Repeater - FB-HSB-DP-SC - 2316382

Accessories

Repeater - FB-PA/SC - 2316375



PROFIBUS PA interface module with oscilloscope

Converter - FB-HSC - 2316371



Head station for monitoring up to four PROFIBUS networks
