

Repeater - FB-HSB-DP-SC - 2316382

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PROFIBUS DP to PROFIBUS PA coupler

Product Description

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

Your advantages

- ✓ 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
GTIN	 4 055626 287973
GTIN	4055626287973
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
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)

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Technical data

Ambient conditions

Degree of protection	IP20
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General

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

Interfaces

Interface 1	Ethernet
Interface	10/100 Mbps Ethernet
No. of ports	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

Designation	Standards/regulations
Standards/regulations	Ring wave noise immunity in acc. with IEC 61000-4-12
Designation	Standards/regulations
Standards/regulations	Dry heat in acc. with IEC 61131-2
Designation	Standards/regulations
Standards/regulations	Damp heat in acc. with IEC 61131-2
Designation	Standards/regulations

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Technical data

Standards and Regulations

Standards/regulations	Shock and vibration in acc. with EN 61131-2 and EN 50178
Designation	PROFIBUS standardization
Standards/regulations	IEC 61158-2
UL, USA/Canada	UL 508 Listed
UL, Canada	CSA C22.2 No. 142

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Articles in set

Repeater - FB-DP-RPTR/SC - 2316374



PROFIBUS DP interface/repeater module with oscilloscope functionality

Converter - FB-HSB - 2316379



Head station for monitoring one PROFIBUS network

Classifications

eCl@ss

eCl@ss 10.0.1	27242608
eCl@ss 5.1	27242208
eCl@ss 6.0	27242600
eCl@ss 7.0	27242608
eCl@ss 8.0	27242608
eCl@ss 9.0	27242608

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Classifications

ETIM

ETIM 5.0	EC001604
ETIM 6.0	EC001604
ETIM 7.0	EC001604

UNSPSC

UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

Accessories

Accessories

Device coupler

Repeater - FB-DP-RPTR - 2316373



PROFIBUS DP interface/repeater module

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PROFIBUS DP interface/repeater module with oscilloscope functionality

Repeater - FB-PA/SC - 2316375



PROFIBUS PA interface module with oscilloscope

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Accessories

Converter - FB-HSC - 2316371



Head station for monitoring up to four PROFIBUS networks