FB-HSB-DP-SC - Repeater

2316382

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PROFIBUS DP coupler system for integration and diagnostics of PROFIBUS DP. Includes the one-network head station unit (FB-HSB), PROFIBUS DP repeater with oscilloscope (FB-DP-RPTR/SC).

Product description

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

Your advantages

- Powerful, embedded web server for configuration and access to network diagnostics
- Manage and configure PROFIBUS field devices using FDT/DTM
- 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

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2316382
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DN11
Weight per piece (excluding packing)	600 g
Customs tariff number	85176200
Country of origin	NL

Set consists of

FB-DP-RPTR/SC - Repeater

2316374

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PROFIBUS DP interface/repeater module with oscilloscope functionality

FB-HSB - Converter

2316379

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Head station for monitoring one PROFIBUS network

Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type	Device coupler

Electrical properties

Supply

Supply voltage range	10.8 V DC ... 26.4 V DC
Max. current consumption	800 mA

Connection data

Supply

Conductor cross-section, flexible	0.20 mm² ... 2.50 mm²
Conductor cross-section, rigid	0.20 mm² ... 2.50 mm²
Conductor cross-section AWG	24 ... 12

Interfaces

Data: Ethernet

Connection method	RJ45
No. of channels	1
Conductor cross-section flexible max.	2.5 mm²
Conductor cross-section flexible min.	0.2 mm²
Conductor cross-section, rigid max.	2.5 mm²
Conductor cross-section, rigid min.	0.2 mm²
Conductor cross-section AWG max.	12
Conductor cross-section AWG min.	24

Material specifications

Color	green

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
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)

Approvals

Conformity/Approvals

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

Standards and regulations

Standards/regulations

Standards/regulations	Ring wave noise immunity in acc. with IEC 61000-4-12

Standards/regulations

Standards/regulations	Dry heat in acc. with IEC 61131-2

Standards/regulations

Standards/regulations	Damp heat in acc. with IEC 61131-2

Standards/regulations

Standards/regulations	Shock and vibration in acc. with EN 61131-2 and EN 50178

PROFIBUS standardization

Standards/regulations	IEC 61158-2

Mounting

Mounting type	DIN rail: 35 mm
Mounting position	on horizontal DIN rail NS 35 in acc. with EN 60715

Classifications

ECLASS

ECLASS-13.0	27242608

ETIM

ETIM 9.0	EC001604

UNSPSC

UNSPSC 21.0	32151600

Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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