

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.

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 |
| GTIN |  4 055626 287973 |
| GTIN | 4055626287973 |

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

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Technical data

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 |
| 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

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

Environmental Product Compliance

| | |
|------------|-----------------------------------------------------------------------------------------------------|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | 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

Repeater - FB-HSB-DP-SC - 2316382

Articles in set

Converter - FB-HSB - 2316379



Head station for monitoring one PROFIBUS network

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