

Converter - FB-HSB - 2316379

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Head station for monitoring one PROFIBUS network


Product Description

PROFIBUS head station

Your advantages

- ✔ One communication interface module can drive up to ten individual PROFIBUS DP or PROFIBUS PA modules
- ✔ 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 071145 |
| GTIN | 4055626071145 |

Technical data

Dimensions

| | |
|--------|--------|
| Width | 25 mm |
| Height | 100 mm |
| Depth | 132 mm |

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) |
| Degree of protection | IP20 |

General

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Technical data

General

| | |
|----------------|-------------------|
| 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 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

| | |
|-----------------------|--|
| 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 |
| 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 |
|------------|--|

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Technical data

Environmental Product Compliance

| | |
|--|---|
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |
|--|---|

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

| | | | |
|-----------|--|---|---------------|
| UL Listed | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |
|-----------|--|---|---------------|

| | | | |
|------------|--|---|---------------|
| cUL Listed | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |
|------------|--|---|---------------|

| | | | |
|--------------|--|--|--|
| cULus Listed | | | |
|--------------|--|--|--|

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