

# Converter - FB-HSA - 2316372

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Head station for basic system functionality, no monitoring of PROFIBUS networks

## 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	
GTIN	4055626020488

## 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

Mounting type	DIN rail: 35 mm
Net weight	222 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 <sup>2</sup>
Conductor cross section flexible min.	0.20 mm <sup>2</sup>
Conductor cross section solid max.	2.50 mm <sup>2</sup>
Conductor cross section solid min.	0.20 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
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

# Converter - FB-HSA - 2316372

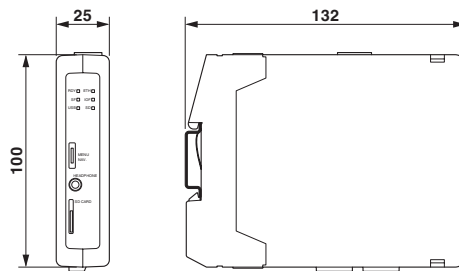
## Technical data

### Environmental Product Compliance

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

## Drawings

Dimensional drawing



## Classifications

### eCl@ss

eCl@ss 10.0.1	27242610
eCl@ss 11.0	27242610
eCl@ss 5.0	27242200
eCl@ss 5.1	27242200
eCl@ss 6.0	27242600
eCl@ss 7.0	27242610
eCl@ss 9.0	27242610

### ETIM

ETIM 6.0	EC001600
ETIM 7.0	EC001600

### UNSPSC

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

## Approvals

### Approvals

# Converter - FB-HSA - 2316372

## Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

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Ex Approvals

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## Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
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cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
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cULus Listed			
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## Accessories

Accessories

Device coupler

Repeater - FB-DP-RPTR - 2316373



PROFIBUS DP interface/repeater module

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Repeater - FB-PA/SC - 2316375



PROFIBUS PA interface module with oscilloscope

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### Accessories

Repeater - FB-DP-RPTR/SC - 2316374



PROFIBUS DP interface/repeater module with oscilloscope functionality

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