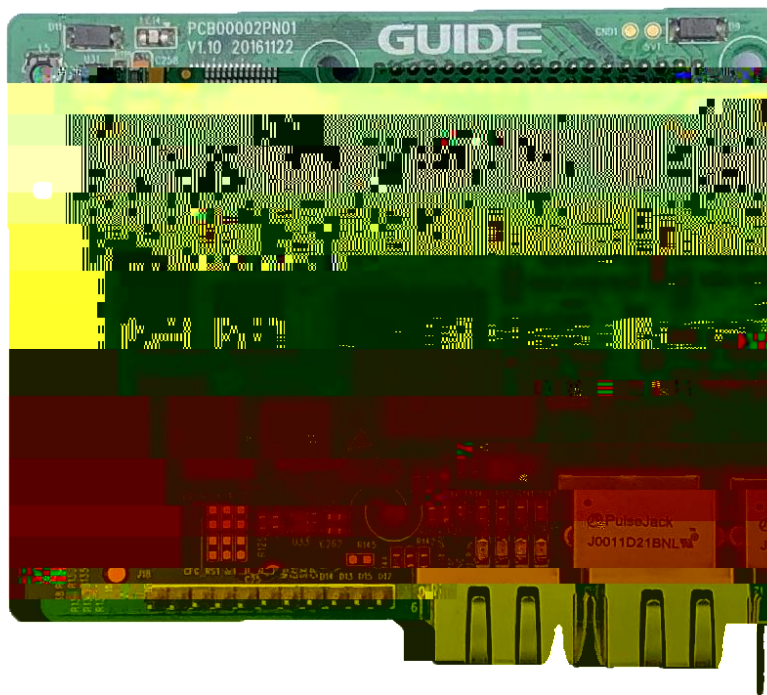


# GUIDE

DFC: =B9H

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PROFI NET .....	11
.....	13
.....	13
.....	13
PROFI NET .....	13
.....	17
.....	17
PROFI NET .....	17
PPO .....	17
.....	18
.....	20
.....	20
.....	24
.....	25
.....	26
LED .....	26
.....	28
PROFI NET .....	28
.....	30
PROFI NET .....	31





PROFI NET

GDHF - PN01

!





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GDHF - PNO1

PROFI NET

GDHF - PNO1

PROFI NET

GDHF - PNO1

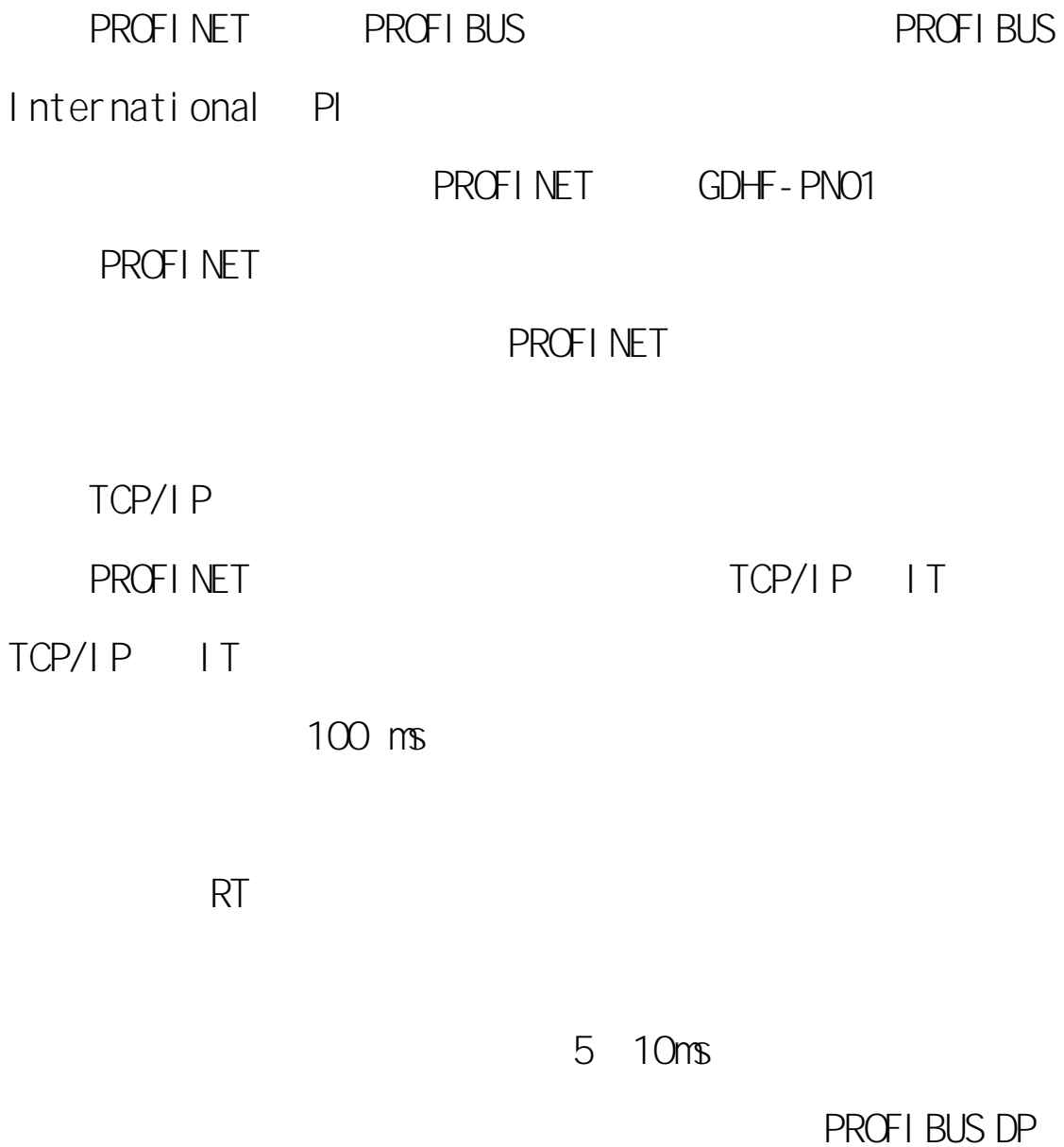
LED

PROFI NET



PROFI NET

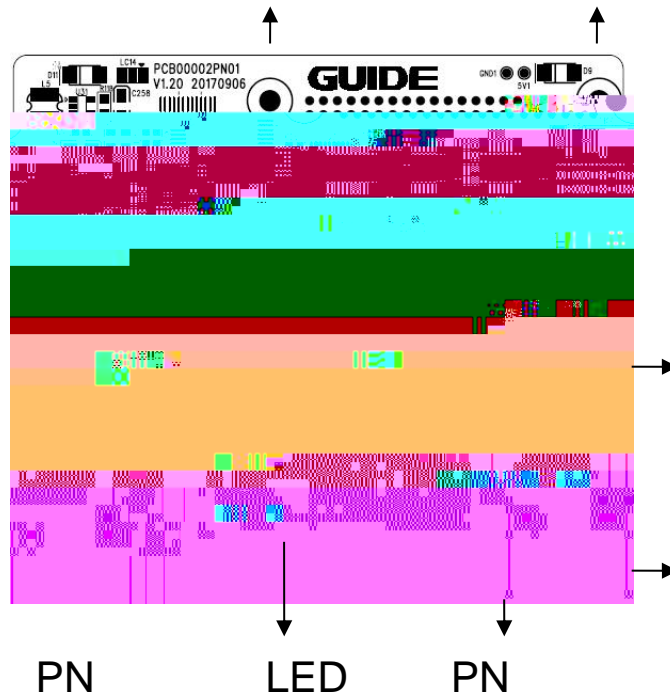
## PROFI NET



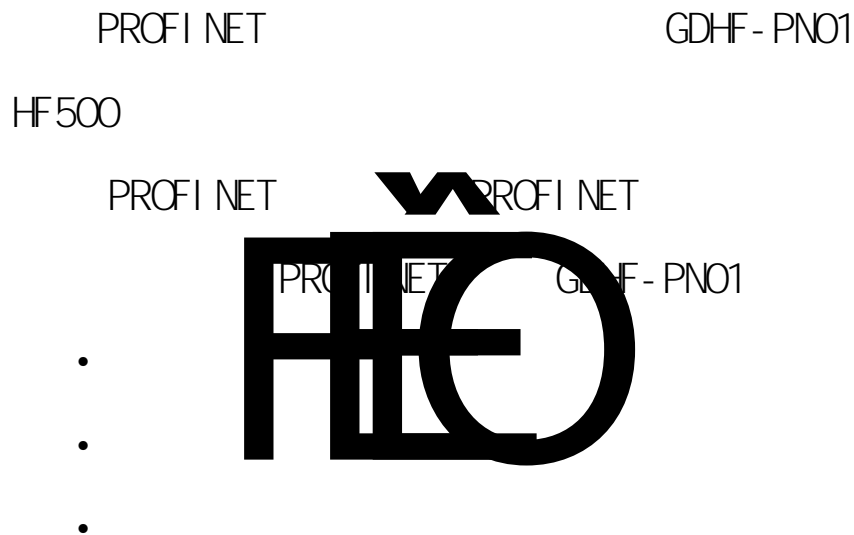
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TCP/I P

# GDHF - PN01



1 GDHF - PN01



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PROFI NET

GDHF - PNO1

J21

PROFI NET

GDHF - PNO1

- HF500

- PROFi NET V2.31

PROFI NET

GDHF - PNO1

- PROFi NET

GDHF - PNO1

- PC

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!

5

PC

GDHF - PNO1

PC

J21

GDHF - PNO1

PC

PC

GDHF - PNO1

• PC

• GDHF - PNO1

PC

• PC

GDHF - PNO1

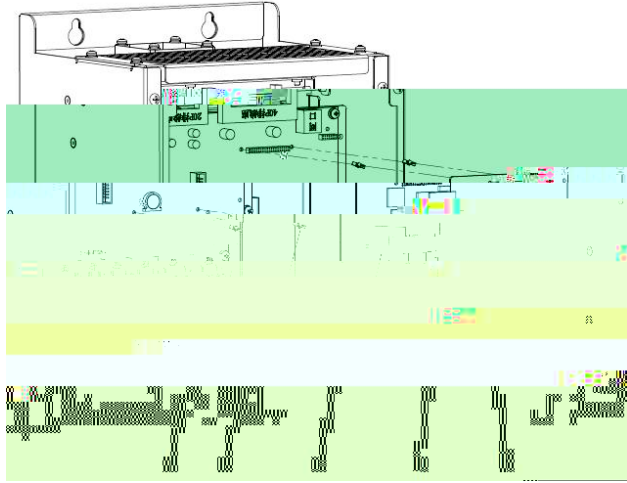
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EMC

GDHF - PNO1

GDHF - PNO1

RJ 45

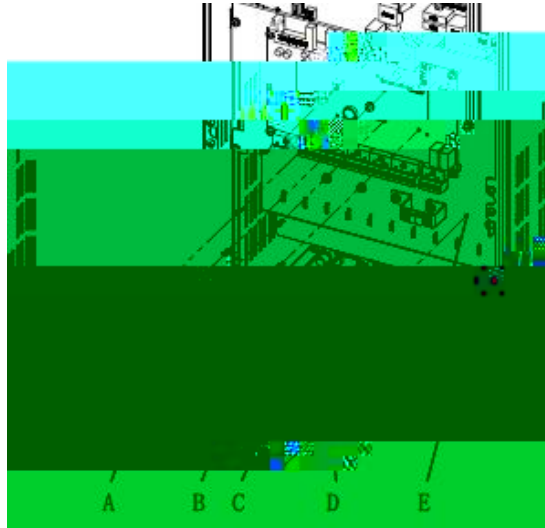


- A—
- B—PC
- C—
- D—
- E—

2

37kW

- A—
- B—
- C—
- D—PC
- E—



3

37kW

- 
- - PROFI NET

5

## PROFI NET

GDHF - PNO1

J9, J1 - F - F





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# 1 PROFINET

P33. 46	[W0]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000 [5] [%d] × 1 [6] [%d] × 10 [7] [%d] × 100	0 4	0
...	...	...	...	...

1. PROFI NET

[0] PROFI NET

[1] PROFI NET

2. PROFI NET

PPO Parameter/Process Data Objects, /

PROFI NET PPO

2 PPO

PPPO5

3.

HF500

4.

PLC

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5.

HF500

6. m



PLC

2

W0	PA_CTRL	bit		
		0	PA_ENABLE	' 0' ' 1'
		1	WRITE	' 0' ' 1'
		2	SAVE_to_FLASH	' 0' ' 1' FLASH
		3 ~ 15	Reserved	
W1	Address	byte	[ 15. . 08]	[ 07. . 00]
		Data		
W2	0		0	
WB	Data		16	



PA\_STATUS  
WAUU\_  
U





CW0. 11	Torque_Limit_Ctrl	' 0' ' 1'	PROFINET
CW0. 12	MOTION_CTRL	' 00'	1
CW0. 13		' 01'	2
		' 10'	3
		' 11'	4
CW0. 14	TORQUE_ZERO	' 0' ' 1'	
CW0. 15	FREE_RUNNING_STOP	' 0' ' 1'	

2

5

SW0. 0	READY	' 0 ' 1'	
SW0. 1	RUN	' 0 ' 1'	
SW0. 2	FAULT	' 0 ' 1'	
SW0. 3	MOTOR BRAKE	' 0 ' 1'	
SW0. 4	WARNING	' 0 ' 1'	
SW0. 5	DIRECTION	' 0 ' 1'	
SW0. 6	M_STEP0	' 0 ' 1'	1 1 1
SW0. 7	M_STEP1	' 0 ' 1'	2 2 2

SW0. 8	M_STEP2	' 0	3
		' 1'	3
SW0. 9	M_STEP3	' 0	4
		' 1'	4
SW0. 10	Reserved		
SW0. 11	Reserved		
SW0. 12	REMOTE/LOCAL	/'	
		' 0	
		' 1'	
SW0. 13	Reserved		
SW0. 14	MOTION SEL	' 00	1
		' 01'	2
SW0. 15		' 10	3
		' 11'	4

16

1

15

PROFI NET

PROFI NET

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16

PROFI NET



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CPU_RUN		PROFI NET PROFI NET
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PROFI NET

16

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GSDML

XML

PROFI NET

GSDML

http: //

www gui de- el ectri c. com

GSDML

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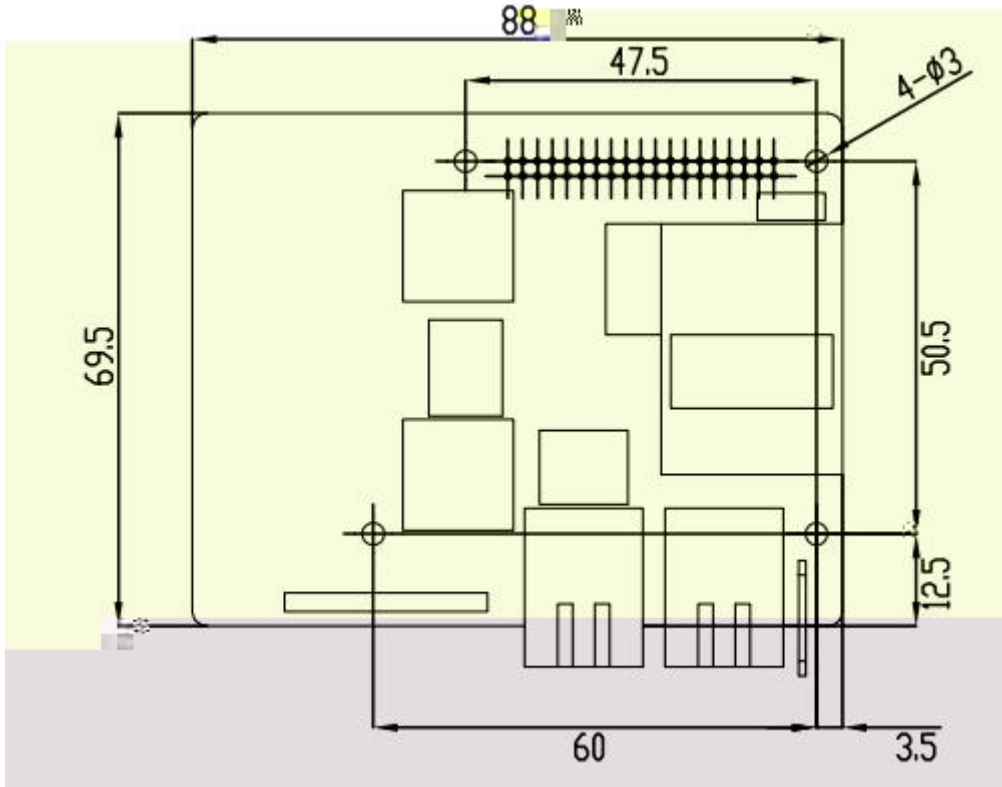
PROFI NET

/

PROFI NET

16

29



6 PROFIBUS DP connector assembly mm

HF500

- PROFIBUS DP

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# PROFI NET

PROFI NET

5E

TI A/EI A- 568- B

	A PROFI NET	B DI N 19245 Part 1	
	135~165( 3~20MHz)	100~130(f >100kHz)	W
	<30	<60	pF/m
	<110	--	/km
	>0. 64	>0. 53	mm
	>0. 34	>0. 22	mm <sup>2</sup>

100

100Mbit/s

PROFI NET V2. 31



