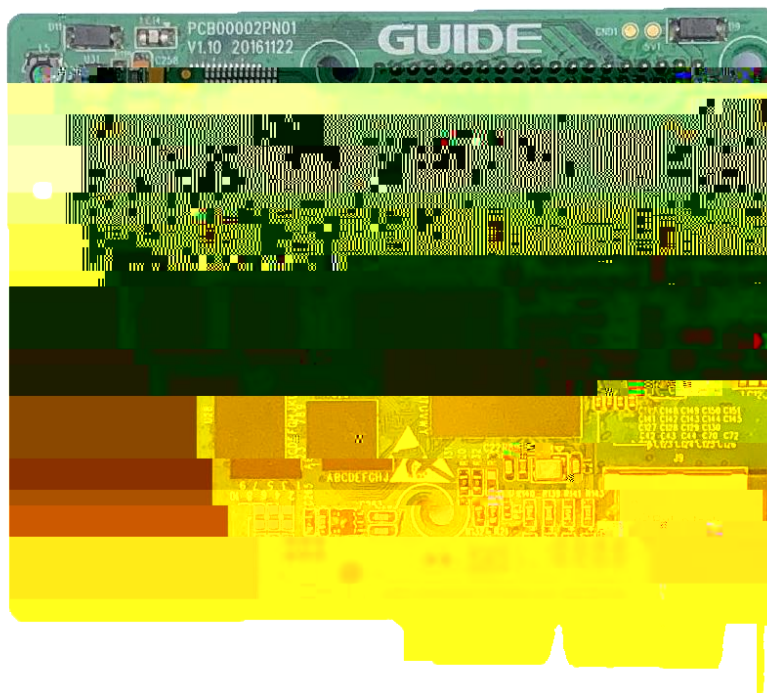


GUIDE

PROF I NET

GDHF-PN01



Wuhan Guide Technology Co., Ltd. W

PROFINET	11
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.....	13
PROFINET	13
.....	17
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PPO	17
.....	18
.....	20
.....	20
.....	24
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.....	26
LED	26
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PROFINET	28
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PROFINET	31

PROFINET

GDHF-PN01

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GDHF-PN01

PROFINET

GDHF-PN01

PROFINET

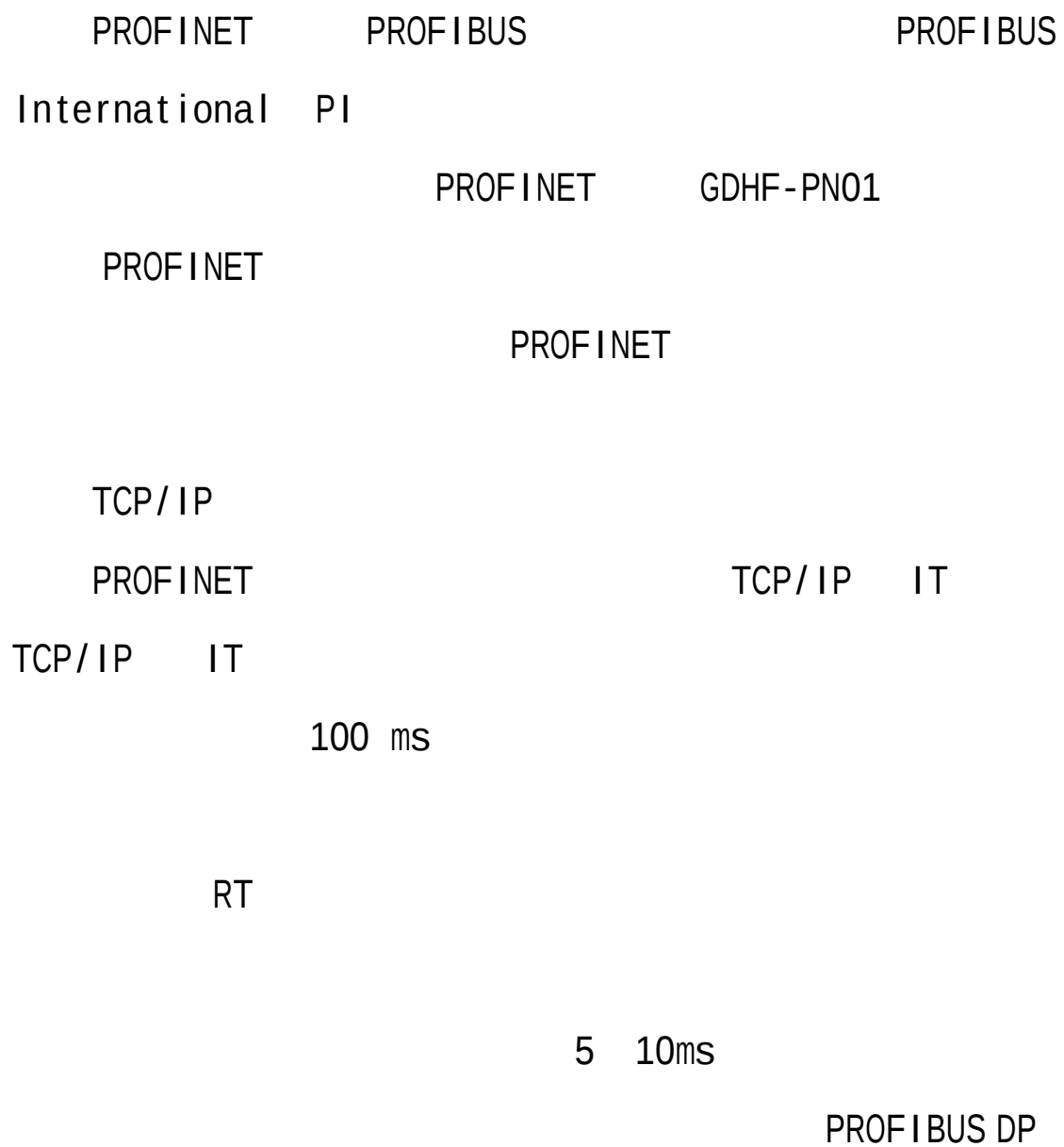
GDHF-PN01

LED

PROFINET

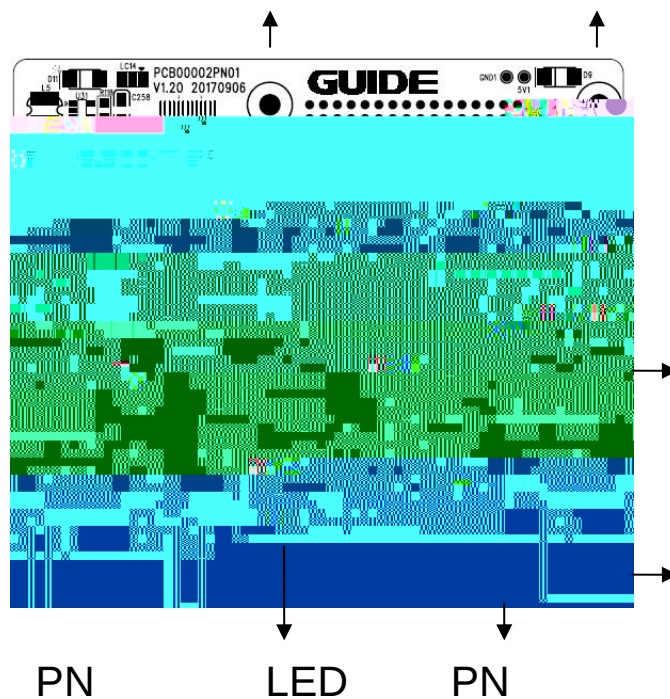
PROFINET

PROFINET



TCP / IP

GDHF-PN01



1 GDHF-PN01

PROFINET

GDHF-PN01

HF500

PROFINET

PROFINET

PROFINET

GDHF-PN01

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PROFINET

GDHF-PN01

J21

PROFINET

GDHF-PN01

- HF500

- PROFINET V2.31

PROFINET

GDHF-PN01

- PROFINET

GDHF-PN01

- PC

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5

PC

GDHF-PN01

PC

J21

GDHF-PN01

PC

PC

GDHF-PN01

- PC

- GDHF-PN01

PC

- PC

GDHF-PN01

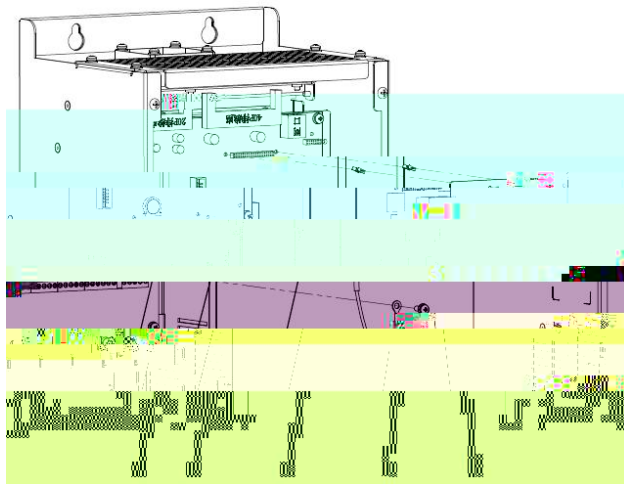
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EMC

GDHF-PN01

GDHF-PN01

RJ45

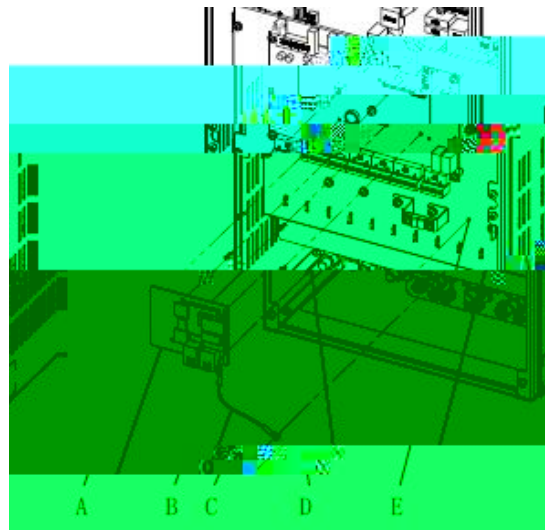


- A—
- B—PC
- C—
- D—
- E—

2

37kW

- A—
- B—
- C—
- D—PC
- E—



3

37kW



-

- PROF I NET

5

PROF I NET

GDHF-PN01

J9, J10

1 PROFINET

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

1. PROFINET

[0] PROFINET

[1] PROFINET

2. PROFINET

PP0 Parameter/Process Data Objects, /

PROFINET PP0

2 PP0

PPP05

3.

HF500

4.

PLC

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		
W3	Data	16		

PLC

3

WO PA_STATUS

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 ’

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	1 ' 0 ' 1 ' 1 ' 1
SW0.7	M_STEP1	2 ' 0 ' 2 ' 1 ' 2

SW0.8	M_STEP2	3 ' 0 ' 3 ' 1 ' 3
SW0.9	M_STEP3	4 ' 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

PROFINET

PROFINET

16

PROFINET

25

CPU_RUN		PROFINET PROFINET
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PROFINET

16

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GSDML

XML

PROFINET

GSDML

http://

www.guide-electric.com

GSDML

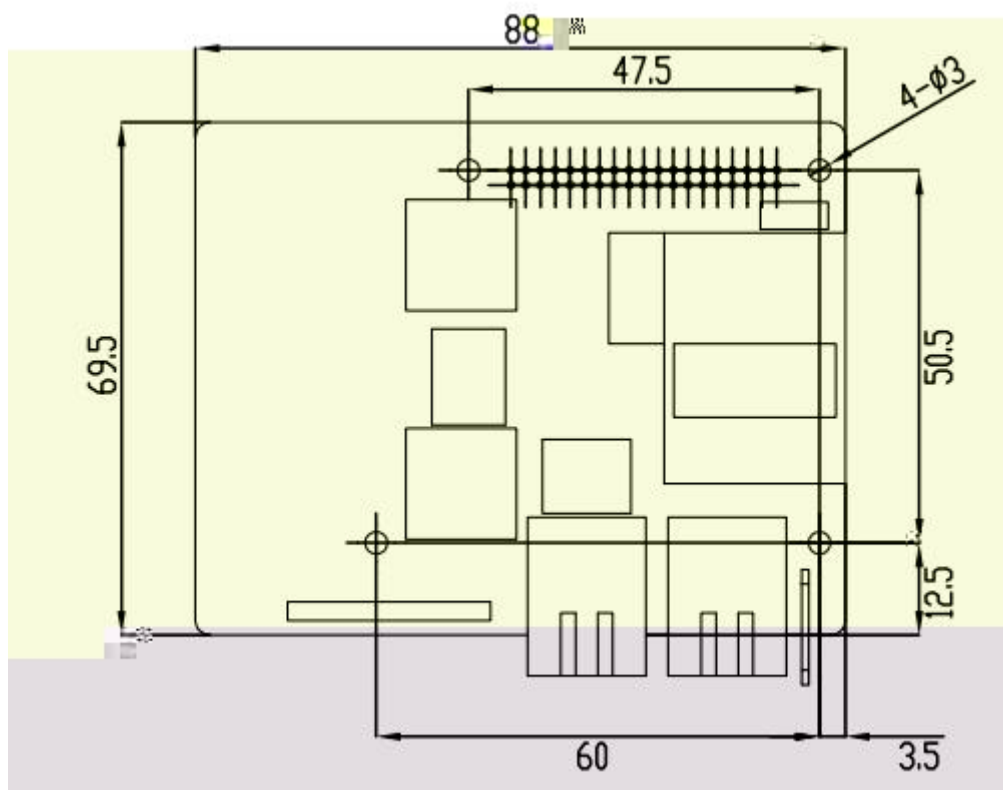
PROFINET

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PROFINET

16

29



6 PROFINET mm

HF500

● PROFINET

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PROFINET

PROFINET

5E

TIA/EIA-568-B

	A PROFINET	B DIN 19245 Part1	
	135~165(3~20MHz)	100~130(f>100kHz)	W
	<30	<60	pF/m
	<110	--	Ω /km
	>0.64	>0.53	mm
	>0.34	>0.22	mm ²

100

100Mbit/s

PROFINET V2.31

