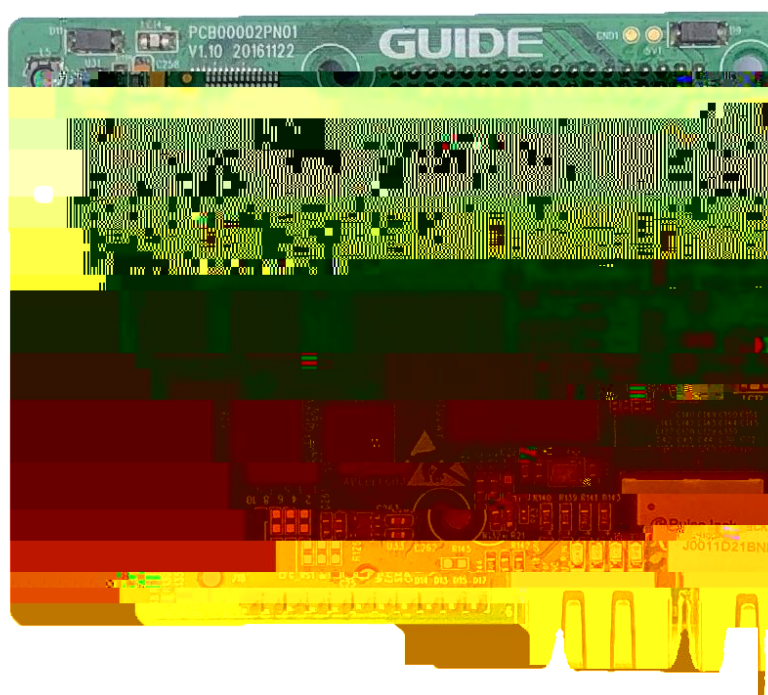


GUIDE

PROF I NET

GDHF-PN01



Wuhan Guide Technology Co., Ltd. W

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

PROFINET

GDHF-PN01

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GDHF-PN01

PROFINET

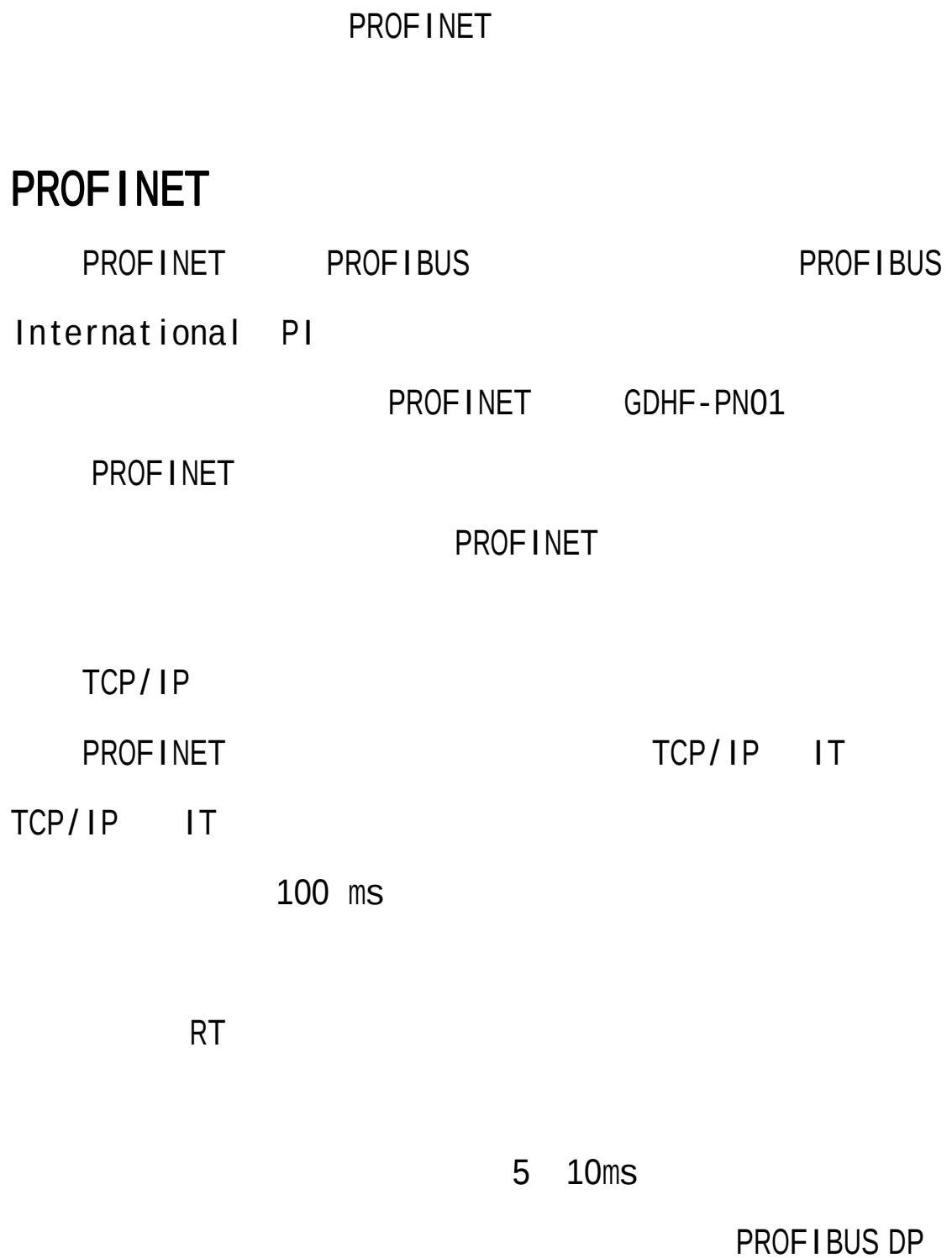
GDHF-PN01

PROFINET

GDHF-PN01

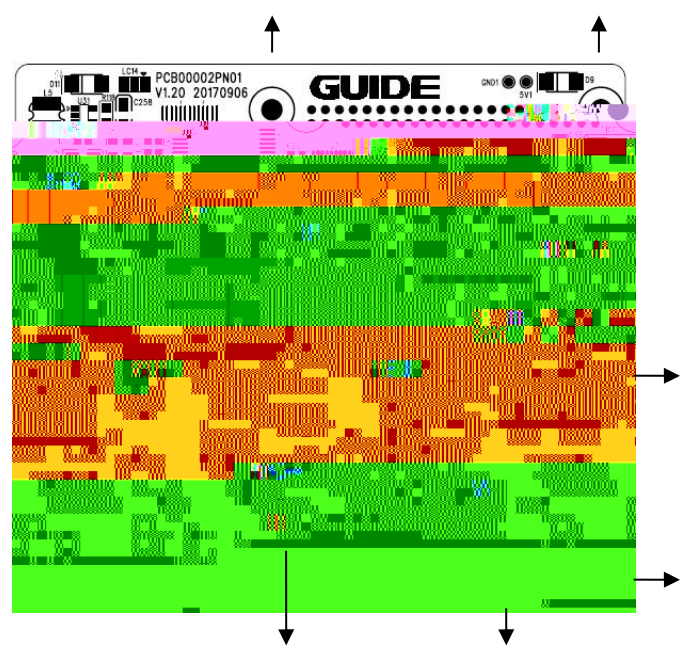
LED

PROFINET



TCP / IP

GDHF-PN01



1 GDHF-PN01

PROF I NET

GDHF-PN01

HF500

PROF I NET

PROF I NET

PROF I NET

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

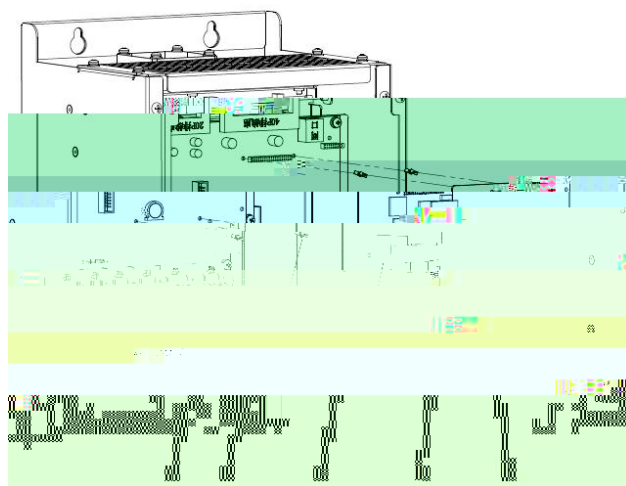
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EMC

GDHF-PN01

GDHF-PN01

RJ45

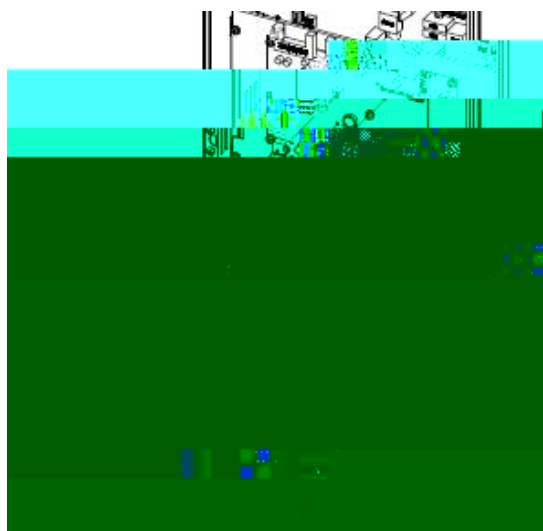


- A—
- B—PC
- C—
- D—
- E—

2

37kW

- A—
- B—
- C—
- D—PC
- E—



3

37kW

-
- - PROF I NET

5

PROF I NET

GDHF-PN01

J9, J16-P P

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

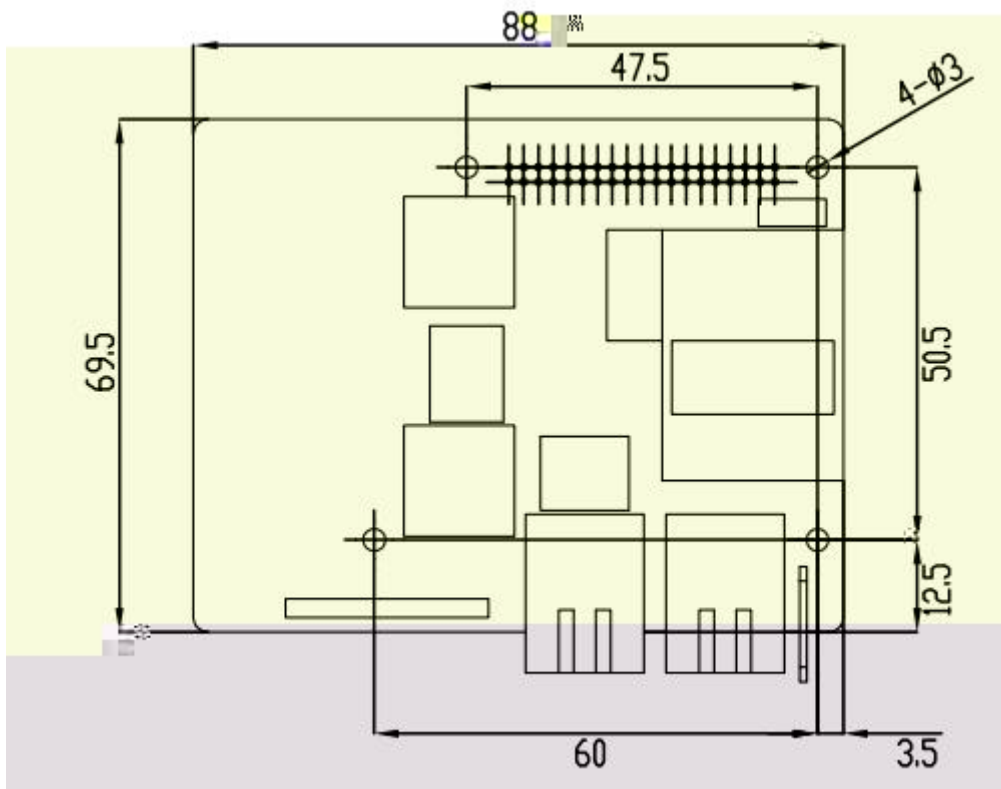
PROFINET

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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

