

.....	1
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.....	12

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PROFIBUS DP

GDHF-DP03

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PROFIBUS DP

GDHF-DP03

PROFIBUS DP

GDHF-DP03

PROFIBUS DP

GDHF-DP03

PROFIBUS DP

GDHF-DP03

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GDHF-DP03

PROFIBUS DP

GDHF-DP03

PROFIBUS DP

GDHF-DP03 PROFIBUS

PROFIBUS

PROFIBUS

PROFIBUS

PROFIBUS

PROFIBUS-FMS Fieldbus Message Specification

PROFIBUS-DP Decentralised

Periphery PROFIBUS-PA Process

Automation PROFIBUS DP GDHF-DP03

PROFIBUS-DP

RS-485

100~1200

31

PROFIBUS

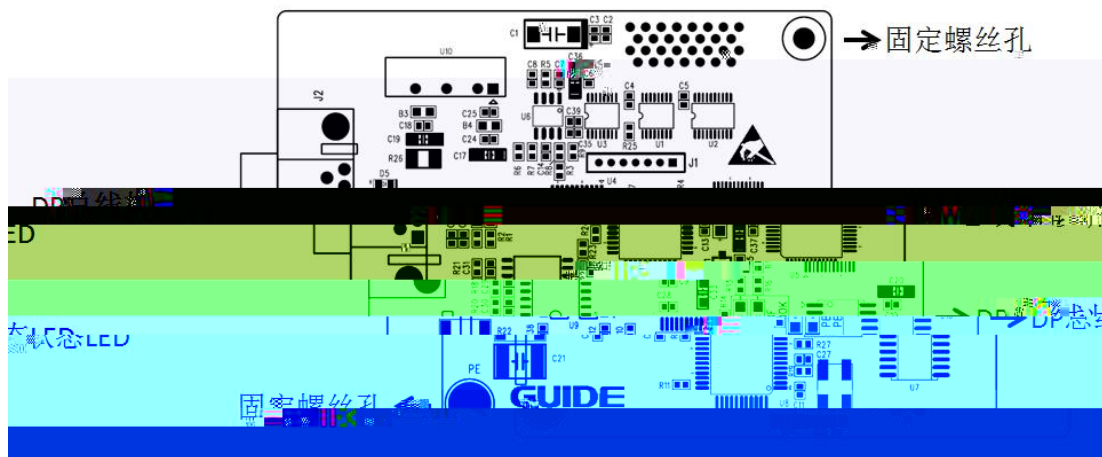
127

PROFIBUS ———

PLC ———

PROFIBUS

GDHF-DP03



1 GDHF-DP03

PROFIBUS DP

DP03

HF600

PROFIBUS

PROFIBUS

PROFIBUS DP

GDHF-DP03

-
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-
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PID

PROFIBUS DP

GDHF-DP03

J14

PROFIBUS DP

GDHF-DP03

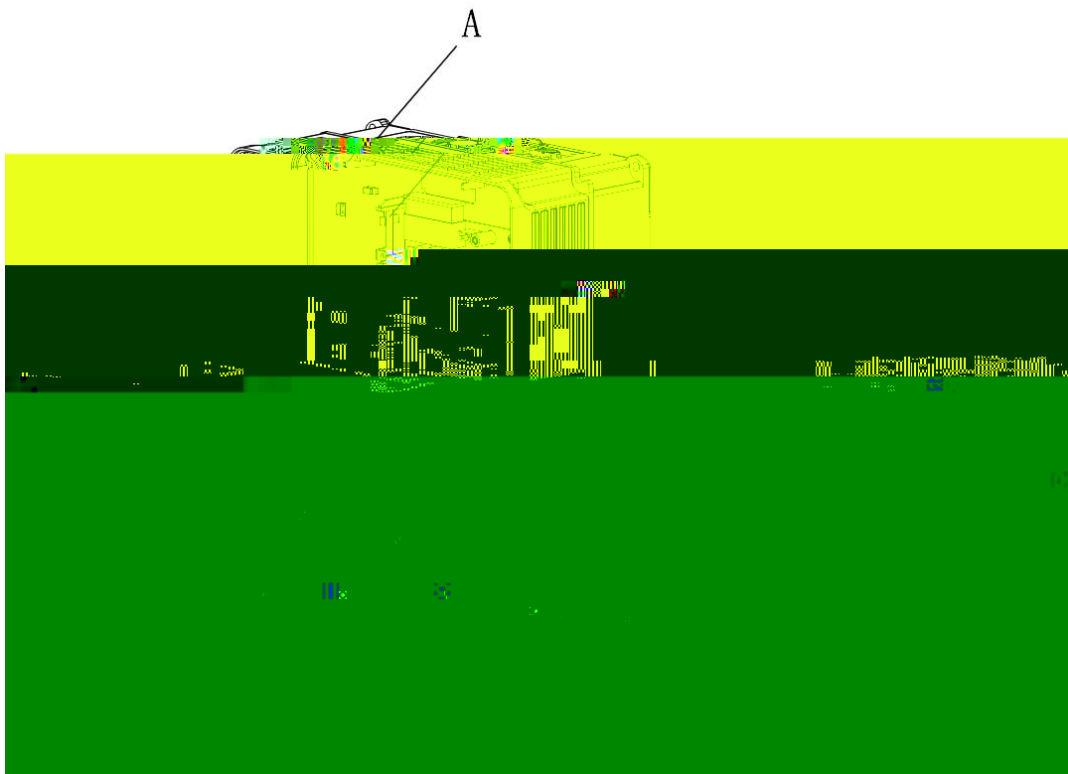
- HF650
- HF630
- HF620
- PROFIBUS-DP

PROFIBUS DP

GDHF-DP03

- PROFIBUS DP
- GDHF-DP03
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i]



2

15KW

DP

DP

-
- -
 - PROFIBUS

5

DP

ON

PROFIBUS

DP

B1	B
A1	A
PE	PROFIBUS
B2	B
A2	A
PE	PROFIBUS

PROFIBUS
PROFIBUS DP GDHF-DP03

PROFIBUS DP
GDHF-DP03

(GSD)
<http://www.gdetec.com> GSD
GUIDE_PB.GSD

PROFIBUS
GDHF-DP03
PROFIBUS

1 PROFIBUS

P33.0	Profibus	[0] [1]	0 1	0
P33.1		PLC	1 255	1
P33.2		[0]PP01 [1]PP02 [2]PP05 [3]GUIDE	0 3	2
P33.3			0 16	14
P33.4			0 16	14
P33.5		[0] [1] [2] [3]	0 3	0
P33.6		ms	0 1000	50
P33.7		[0] [1]	0 1	0
P33.8		s	0.0 10.0	3.0
P33.13	[W0]		0 1000	0
P33.14	[W0]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000	0 4	0

...	...	...	...	...
P33.45	[W0]		0 1000	0
P33.46	[W0]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000 [5] [%] × 1 [6] [%] × 10 [7] [%] × 100	0 4	0
...	...	...	...	...

1. PROFIBUS

[0] PROFIBUS

[1] PROFIBUS

2.

PROFIBUS

3. PP0

PROFIBUS

PP0

5

PP0

4.

PP0

[PP01] 6 words in 6 words out

[PP02] 10 words in 10 words out [PP05] 14 words in

14 words out [GUIDE] 16 words in 16 words out

5.

PP0 [PP01] 6 words in 6 words out
[PP02] 10 words in 10 words out [PP05] 14 words in
14 words out [GUIDE] 16 words in 16 words out

6.

HF600

7.

PLC

8.

HF600

9.

PLC

10.

PROFIBUS DP GDHF-DP03
PROFIBUS 9.6 kbit/s 19.2 kbit/s 45.45
kbit/s 93.75 kbit/s 187.5 kbit/s 500 kbit/s 1.5
Mbit/s 3Mbit/s 6 Mbit/s 12 Mbit/s GDHF-DP03

PROFIBUS

PROFIBUS-DP

PROFIBUS DP

GDHF-DP03

PROFIBUS-DP

PROFIBUS-DP

I/O

PROFIBUS-DP

PP0

Parameter/Process Data Objects /

PP0

PP0

	W0	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13
PP01	W0	W1	W2	W3	W4	W5								
PP02	W0	W1	W2	W3	W4	W5	W6	W7	W8	W9				
PP05	W0	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13

4 PP0

PLC

PLC

3

W0	PA_STATUS	bit		
		0	Reserved	
		1	Reserved	
		2	SAVE_to_FLASH	' 0 ' ' 1 ' FLASH
		3	ILLEGAL_ADDRES S	' 0 ' ' 1 '
		4 ~ 15	Reserved	
W1	Address	byte	[15..08]	[07..00]
		Dat		

		a		
W2	0	0		
W3	Data	16		

4

5

4

5

HF600

1

4

CW0.0	RUN	' 0 ' ' 1 '

CW



508

C W

GUIDE

Updated

2

5

SW0.0 READY

ij 0 ' , m " U , m
' 1 '

SW0.1 RUN

PAE

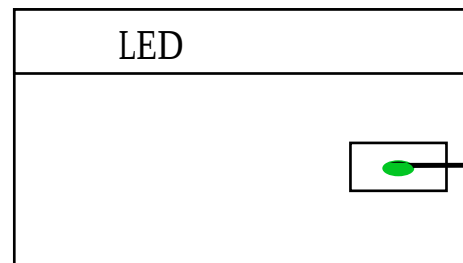
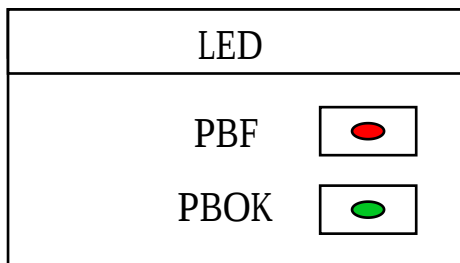
			4
SW0.9	M_STEP3	' 0 '	4
		' 1 '	4
SW0.10	Reserved		
SW0.11	Reserved		
		/	
SW0.12	REMOTE/LOCAL	' 0 '	
		' 1 '	
SW0.13	Reserved		
SW0.14		' 00 '	1
	MOTION SEL	' 01 '	2
SW0.15		' 10 '	3
		' 11 '	4

LED

GDHF-DP03 2 LED 1

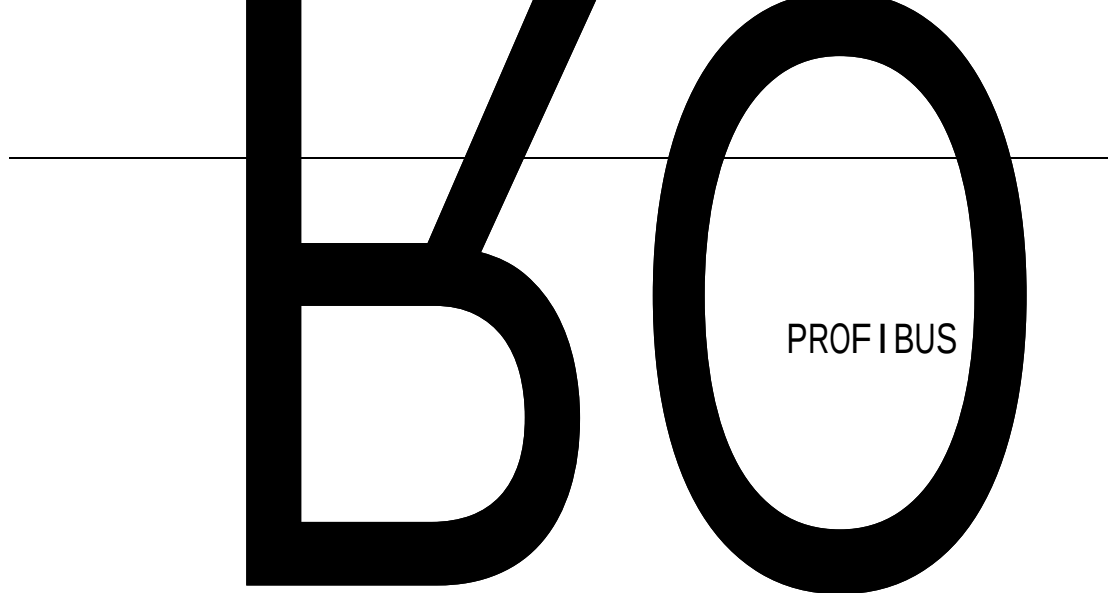
LED LED GDHF-DP03

LED



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4. €



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- PP0
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PROFIBUS

PROFIBUS-DP

127

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RS-485

	A PROFIBUS DP	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

(kbit/s)	$\leq$ 93.75	187.5	500	1500	3000	6000	12000
A(m)	1200	1000	400	200	100	100	100
B(m)	1200	600	200	--	--	--	--

9.6kbit/s 19.2kbit/s 45.45kbit/s
 93.75kbit/s 187.5kbit/s 500kbit/s
 1.5Mbit/s 3Mbit/s 6Mbit/s 12Mbit/s

PROFIBUS-DP

Wuhan Guide Technology Co.,Ltd.

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430223

86-027-87927230

yxzx@guide-edrive.com

www.guide-edrive.com

400-0077-570