

GUIDE

Modbus-Tcp

GDHF-AMTX2



Wuhan Guide Technology Co.,Ltd.

Modbus-Tcp

GDHF-AMTX2

Modbus-Tcp

Modbus-Tcp

Modbus-Tcp

PP0

LED

Modbus-Tcp

Modbus-Tcp

Modbus-Tcp

GDHF-AMTX2

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Modbus-Tcp

GDHF-AMTX2

Modbus-Tcp

GDHF-AMTX2

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GDHF-AMTX2

Modbus-Tcp

GDHF-AMTX2

LED

Modbus-Tcp

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Modbus-Tcp

Modbus MODICON 1979 ,

Modbus

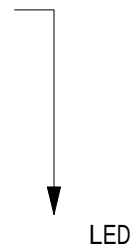
Modbus

(RS232 RS485 TCP/IP

)

Modbus-TCP Modbus Transmission Control Protocol

GDHF-AMTX2



J14

Modbus-Tcp

!

5

GDHF-AMTX2

J14

- GDHF-AMTX2

- GDHF-AMTX2

EMC

GDHF-AMTX2

GDHF-AMTX2

RJ45



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- - Modbus-Tcp

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Modbus-Tcp

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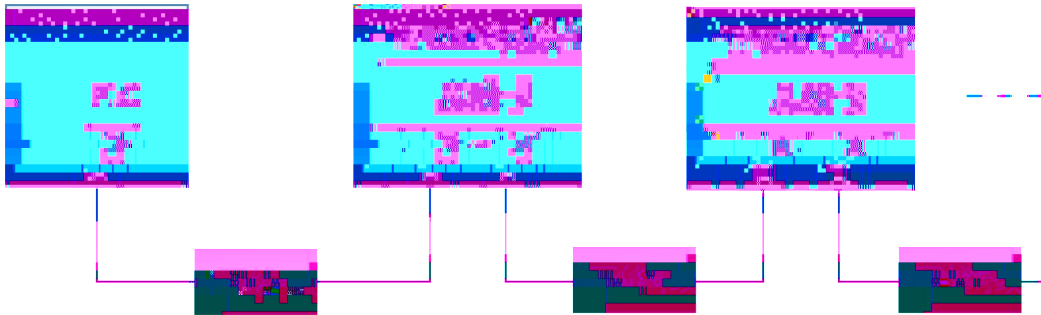
J3

J4...

Modbus-Tcp

5E

TIA/EIA-568-B



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Modbus-Tcp

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Modbus-Tcp

GDHF-AMTX2

(GSDML)

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GSDML

GSDML- -GUIDE-PN.XML

Modbus-Tcp

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Modbus-Tcp

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

Modbus-Tcp

[0] Modbus-Tcp

[1] Modbus-Tcp

Modbus-Tcp

PP0 Parameter/Process Data Objects, /

Modbus-Tcp PP0

2 PP0

PPP05

HF630N

PLC

HF630N

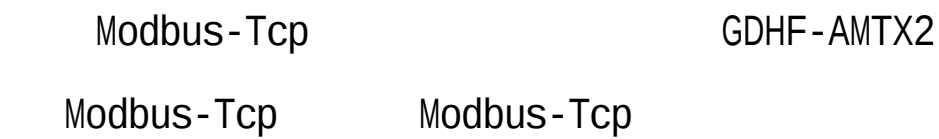
PLC

Modbus-Tcp

GDHF-AMTX2

100Mb/s

Modbus-Tcp



PP0 Parameter/Process Data Objects

/ PP0

PP0

	W 0	W 1	W 2	W 3	W 4	W 5	W 6	W 7	W 8	W 9	W 10	W 11	W 12	W 13	W 14	W 15
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		

PP0

PLC

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

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]
		Data		
W2	0	0		
W3	Data	16		

4

5

4

5

HF630N

1

CW0.0	RUN	' 0 ' ' 1 '
CW0.1	RUN@REV	' 0 ' ' 1 '
CW0.2	Ant iCrabOpen	' 0 ' ' 1 '

CW0.3 RESET

‘ 0 ’

‘ 1 ’

CW0.4 External FAULT

‘ 0 ’

‘ 1 ’ Modbus-Tcp

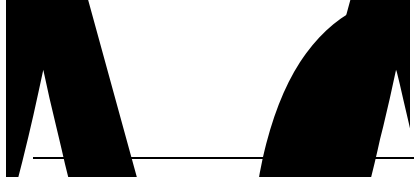
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CW055

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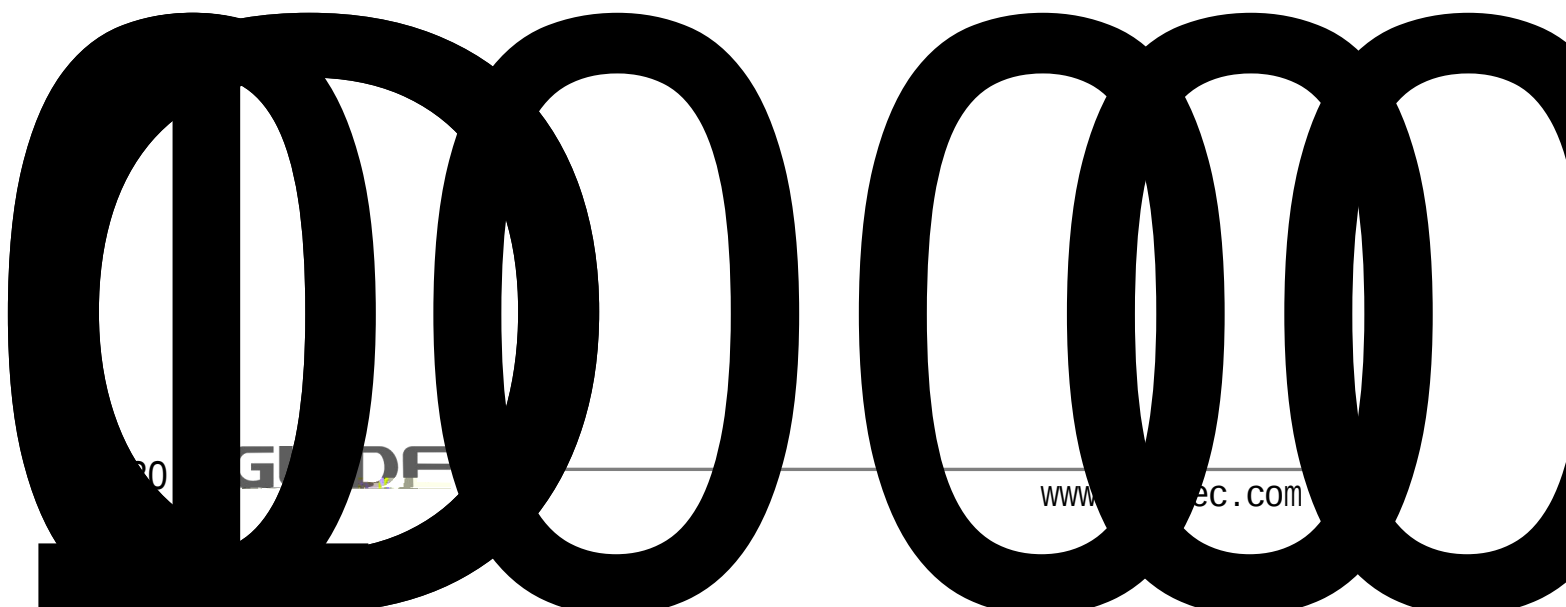
2

Output 1



CW0.13

‘ 01 ’	2
‘ 10 ’	3
‘ 11 ’	4



30

GLDF

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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

0x2000, 16

16

1

15

Modbus-Tcp

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03

0x1000, 16

16

Modbus-Tcp

LED

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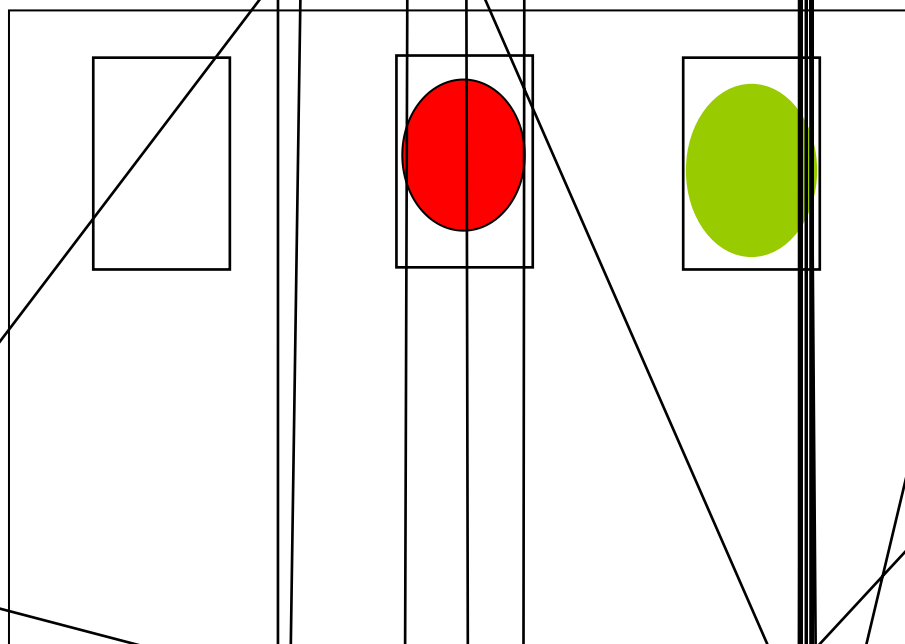
3

LED

LED

GDHF-AMTX2

LED



Modbus-Tcp

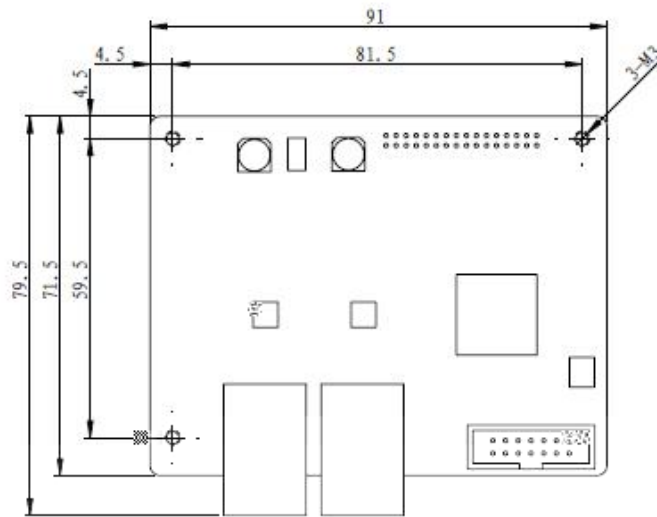
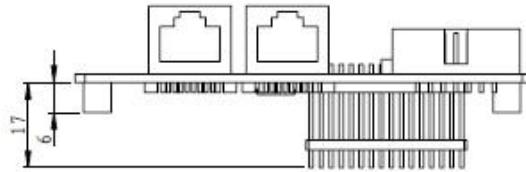
16

Modbus - Tcp

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Modbus - Tcp

16



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HF630N

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Wuhan Guide Technology Co.,Ltd.

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430223

86-027-87927230

shfw@gdetec.com

www.gdetec.com

400-0077-570