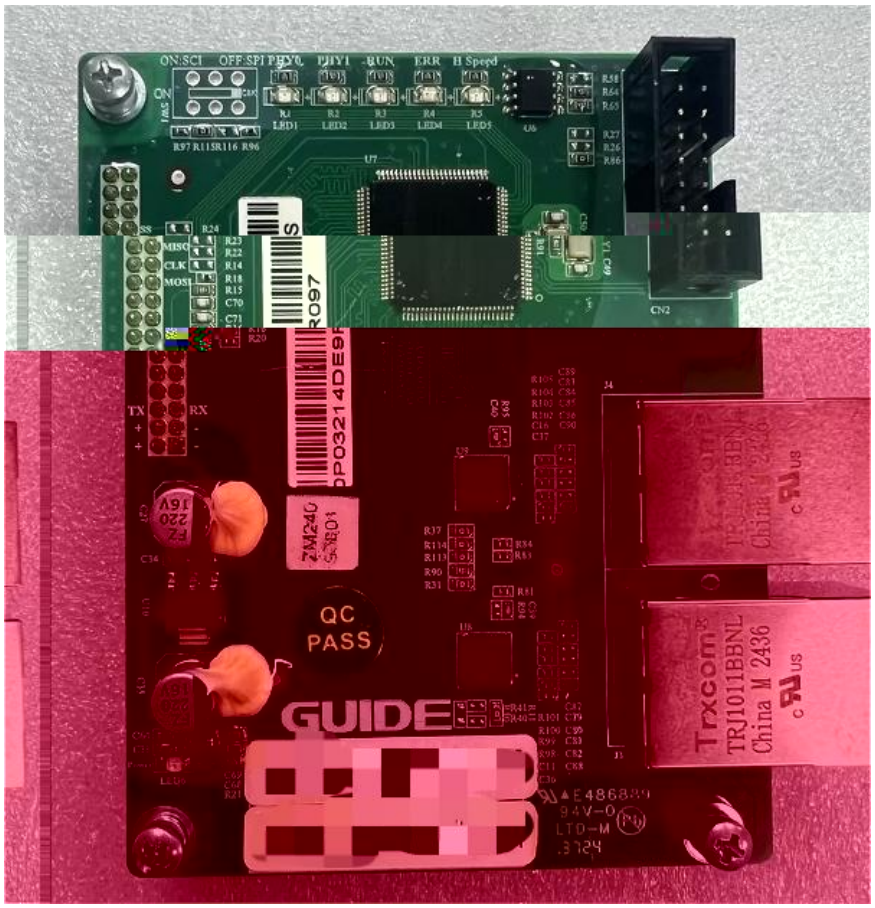
Modbus-Tcp

GDHF-AMTX2



Wuhan Guide Technology Co.,Ltd.

Modbus-Tcp

GDHF-AMTX2

Modbus-Tcp

Modbus-Tcp

Modbus-Tcp

PPO

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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Modbus-Tcp

GDHF-AMTX2

Modbus-Tcp

GDHF-AMTX2

LED

Modbus-Tcp

Modbus-Tcp

Modbus MODICON 1979 ,

Modbus

Modbus

(RS232 RS485 TCP/IP

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Modbus-TCP Modbus Transmission Control Protocol

Modbus

Modbus

TCP/IP TCP/IP

LED

J14

Modbus-Tcp GDHF-AMTX2

- HF630N
- Modbus-Tcp

Modbus-Tcp GDHF-AMTX2

- Modbus-Tcp
-
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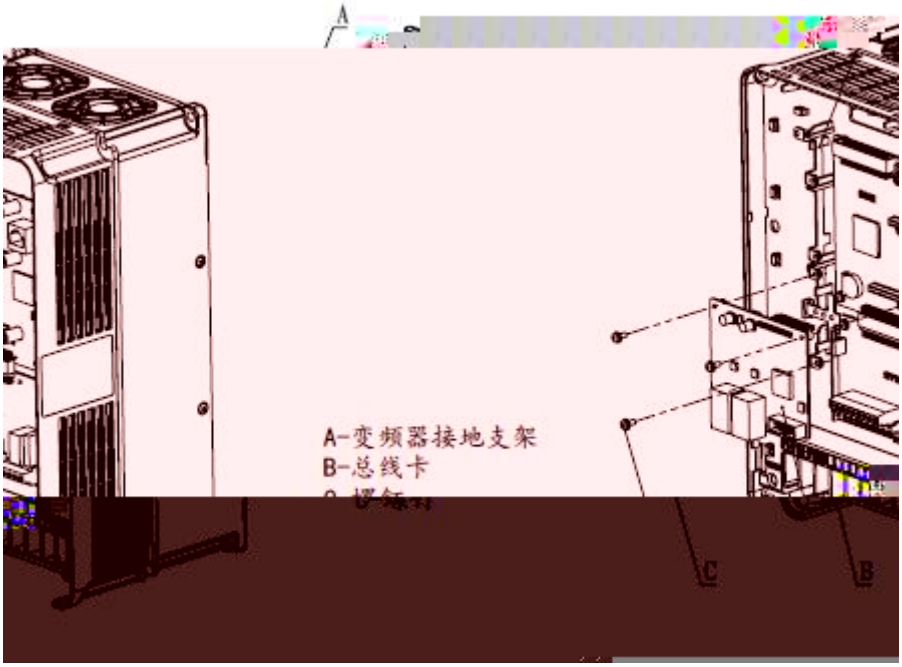
GDHF-AMTX2 J14

- GDHF-AMTX2
- GDHF-AMTX2

EMC GDHF-AMTX2

GDHF-AMTX2 RJ45


A-变频器接地支架
B-总线卡
C
B

-
- Modbus-Tcp

5

Modbus-Tcp

GDHF-AMTX2 J3 J4

A B

A	A
B	B

A B

Modbus-Tcp

5E

TIA/EIA-568-B

Modbus-Tcp

Modbus-Tcp

Modbus-Tcp

GDHF-AMTX2

Modbus-Tcp

GDHF-AMTX2

(GSDML)

www.gdetec.com GSDML

GSDML- -GUIDE-PN.XML

Modbus-Tcp

GDHF-AMTX2

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

PPO Parameter/Process Data Objects, /

Modbus-Tcp PPO

2 PPO

PPPO5

HF630N

PLC

HF630N

PLC

Modbus-Tcp GDHF-AMTX2

100Mb/s

Modbus-Tcp

Modbus-Tcp

Modbus-Tcp GDHF-AMTX2

Modbus-Tcp Modbus-Tcp

PPO Parameter/Process Data Objects

/ PPO

PPO

	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**
PPO1	W0	W1	W2	W3	W4	W5										
PPO2	W0	W1	W2	W3	W4	W5	W6	W7	W8	W9						
PPO5	W0	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13		

PPO

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_ADDRESS	‘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	AntiCrabOpen	‘0’ ‘1’

CW0.3	RESET	‘0’ ‘1’
CW0.4	External FAULT	‘0’ ‘1’ Modbus-Tcp
CW0.5	External ALARM	‘0’ ‘1’ Modbus-Tcp
CW0.6	DRIVE ENABLE	‘0’ ‘1’
CW0.7	MA/SL Switch	
CW0.8	SPD/TRQ Switch	‘0’ ‘1’
CW0.9	HOOK	‘0’ ‘1’
CW0.10	FIELD ENABLE	‘0’ ‘1’
CW0.11	Torque_Limit_Ctrl	‘0’ ‘1’ Modbus-Tcp
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

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 SW0.15	MOTION SEL	‘00’ 1 ‘01’ 2 ‘10’ 3 ‘11’ 4

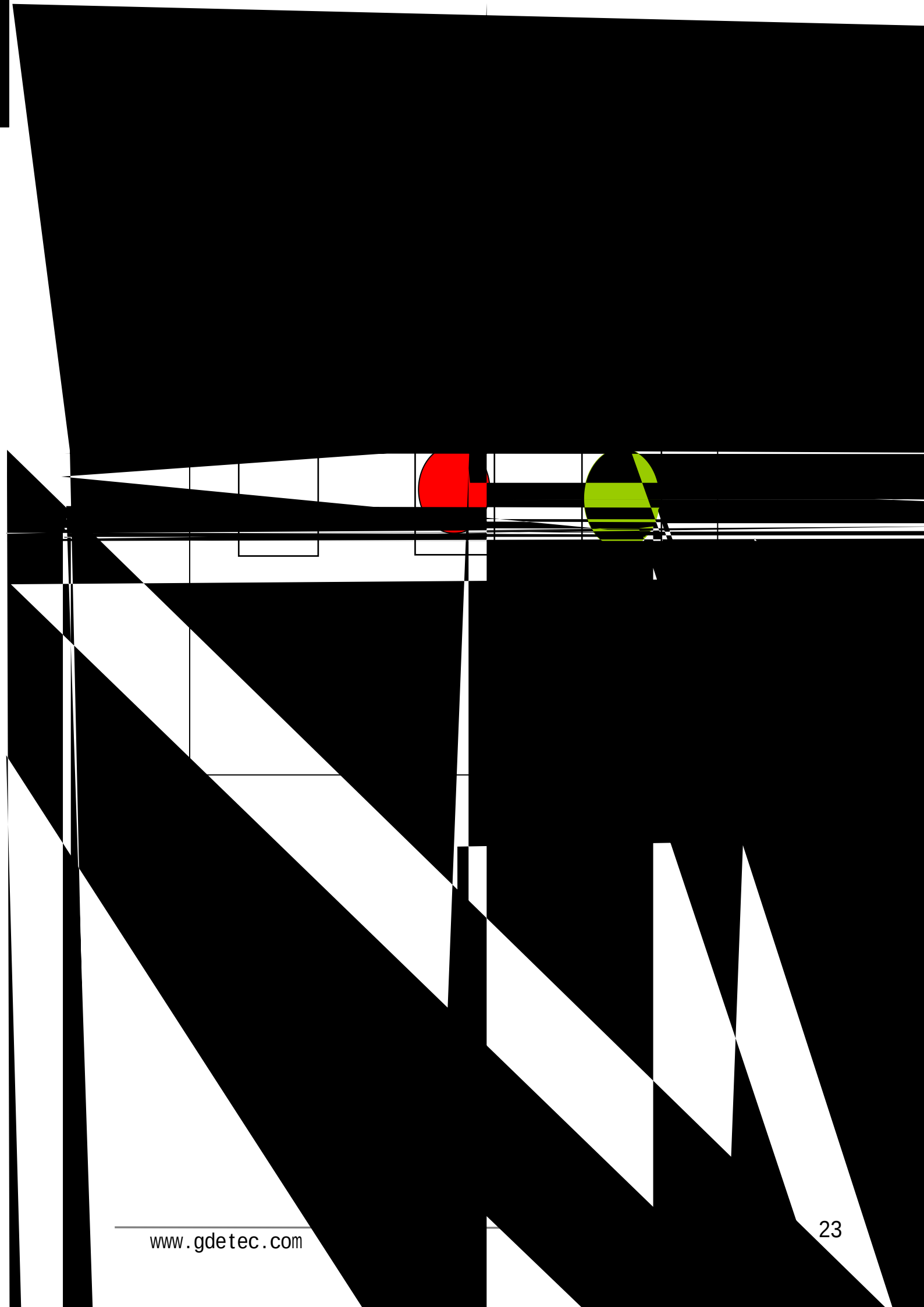
16 1 15

Modbus-Tcp

Modbus-Tcp

16

Modbus-Tcp



Modbus-Tcp

16

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om GSDML

Modbus-Tcp

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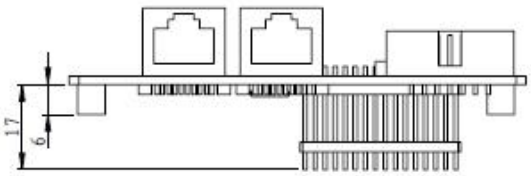
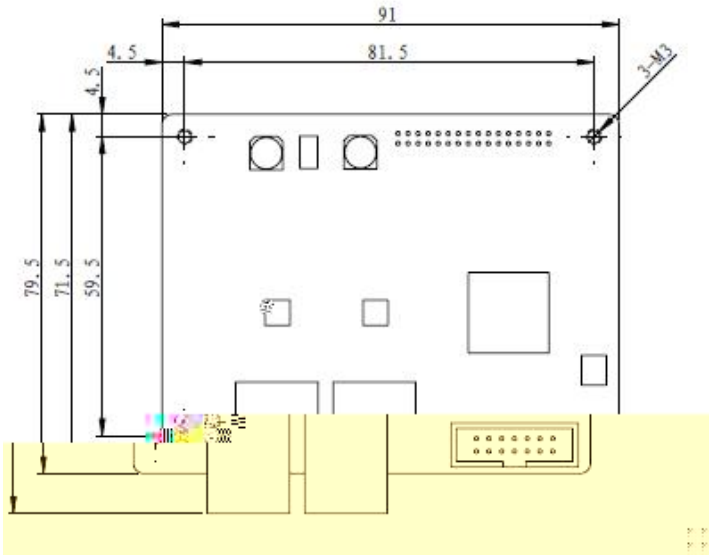
Modbus-Tcp

16





Modbus-Tcp mm

HF630N

- Modbus-Tcp
-

Modbus-Tcp

Modbus-Tcp

5E TIA/EIA-568-B

	A Modbus-Tcp	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

Modbus-Tcp

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6

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