EtherCat

GDHF681N4EC01A



Wuhan Guide Technology Co.,Ltd.

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PPO

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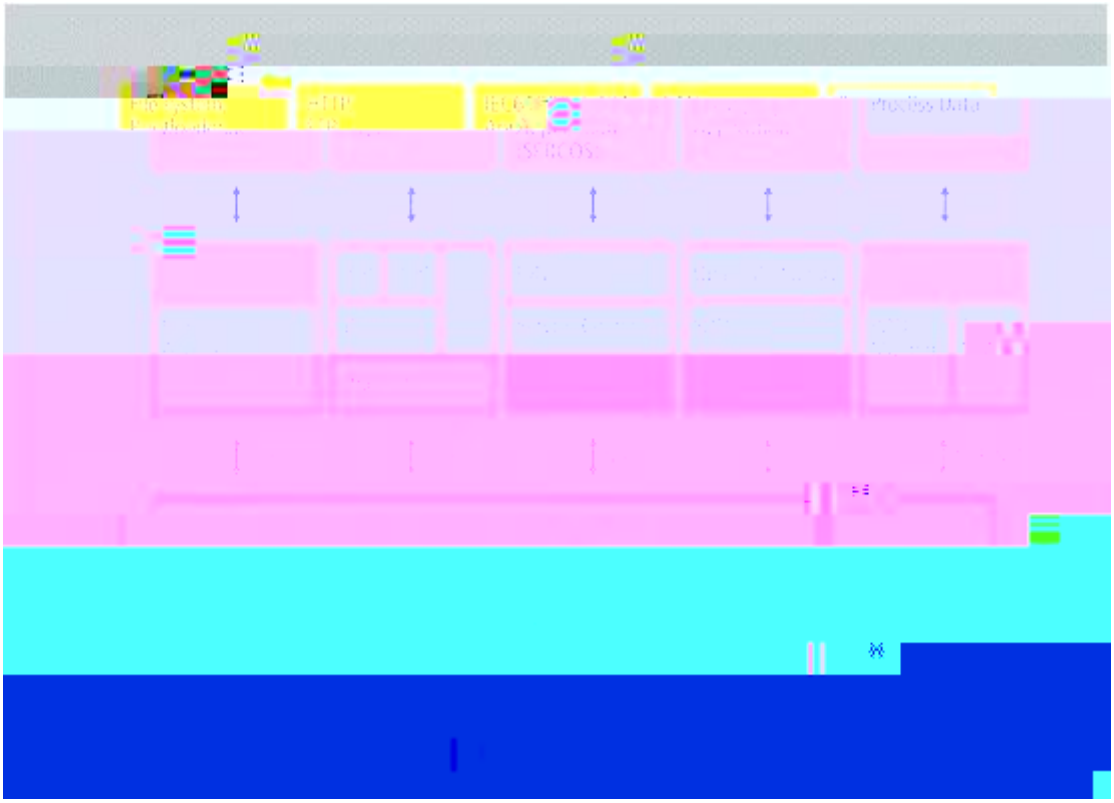
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RJ45-2

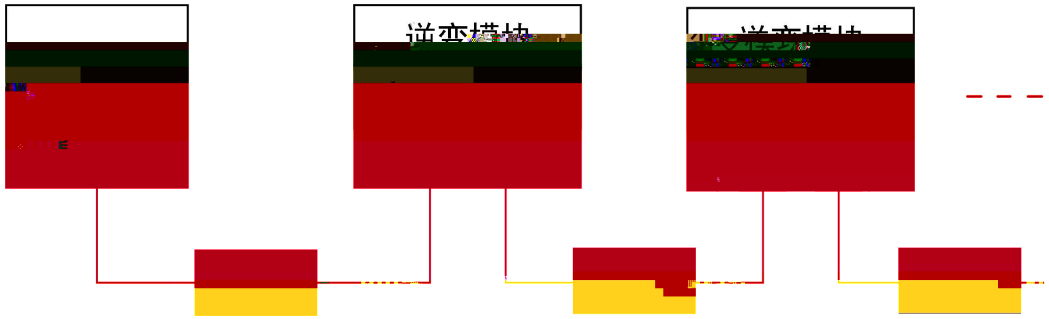
RJ45-1	A
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www.gdetec.com ESI

GSDML- -GUIDE-ET.XML

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P33.0	[0] [1]	0	1	0
P33.2	[0]PP01 [1]PP02 [2]PP05	0	2	1

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

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[0] EtherCat

[1] EtherCat

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PPO Parameter/Process Data Objects, /

EtherCat PPO

2 PPO

PPP05

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PLC

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PPO Parameter/Process Data Objects

/ PPO

PPO

	W0	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15
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		

PLC

		bit		
		0	PA_ENABLE	‘0’ ‘1’
W0	PA_CTRL	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

		bit		
		0	Reserved	
		1	Reserved	
	PA_STATUS	2	SAVE_to_FLASH	‘0’ ‘1’ FLASH
W0		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

5

CW0.3	RESET	‘0’
		‘1ÿ =KIB
CW0.4	External FAULT	

CWO.13		‘ 01 ’ 2 ‘ 10 ’ 3 ‘ 11 ’ 4
CWO.14	TORQUE_ZERO	‘ 0 ’ ‘ 1 ’
CWO.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

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GDHF681N4EC01A 2 LED

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Err

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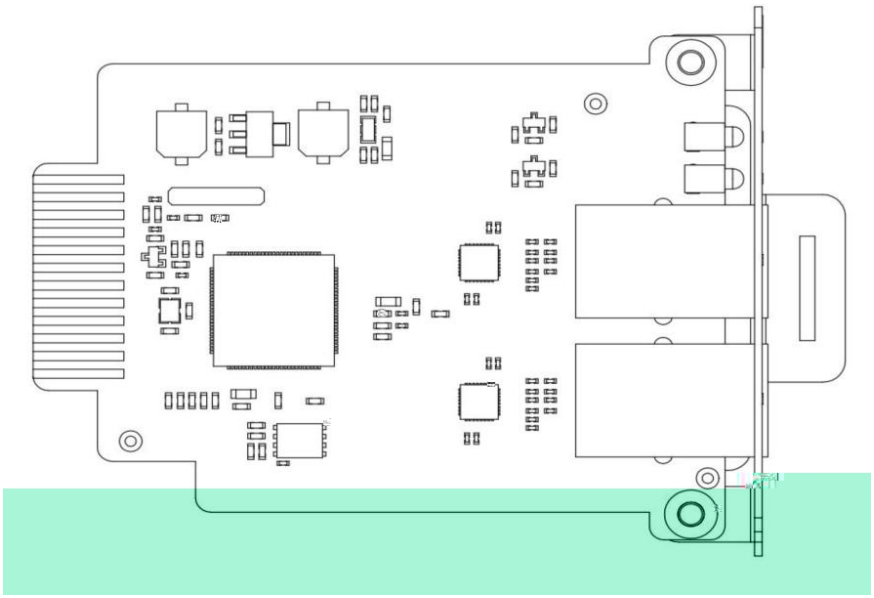
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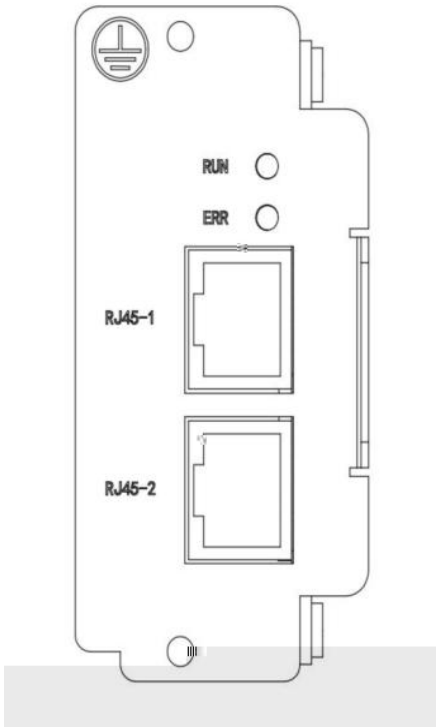
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	A EtherCat	B DIN 19245 Part1	
	135~165(3~20MHz)	100~130(f>100kHz)	W
	<30	<60	pF/m
	<110	--	Ω/km
	>0.64	>0.53	mm
	>0.34	>0.22	mm^2

100

100Mbit/s

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