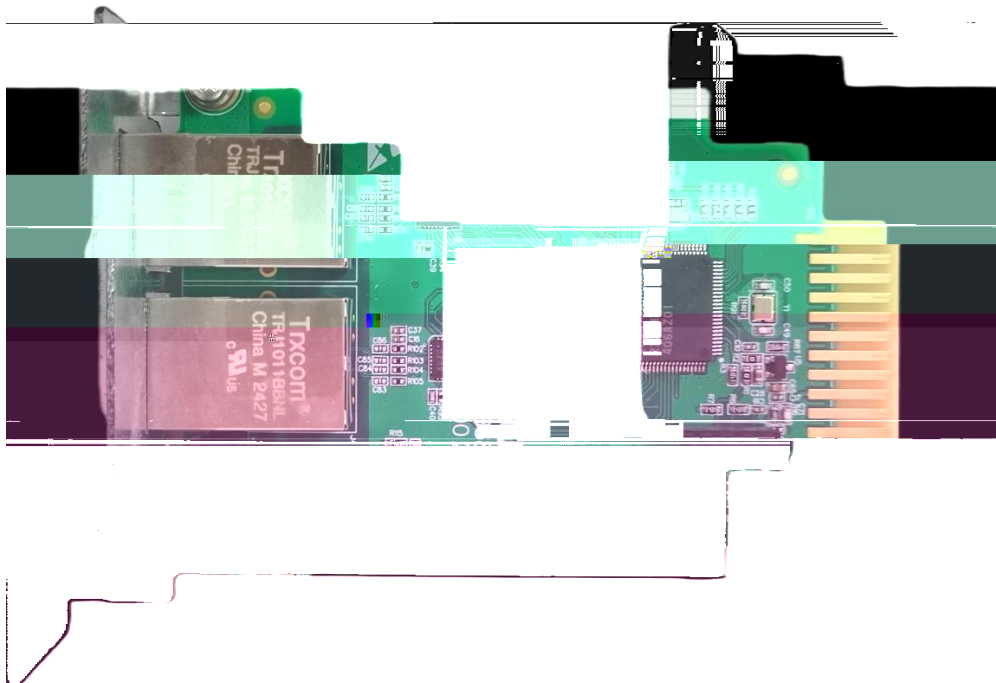


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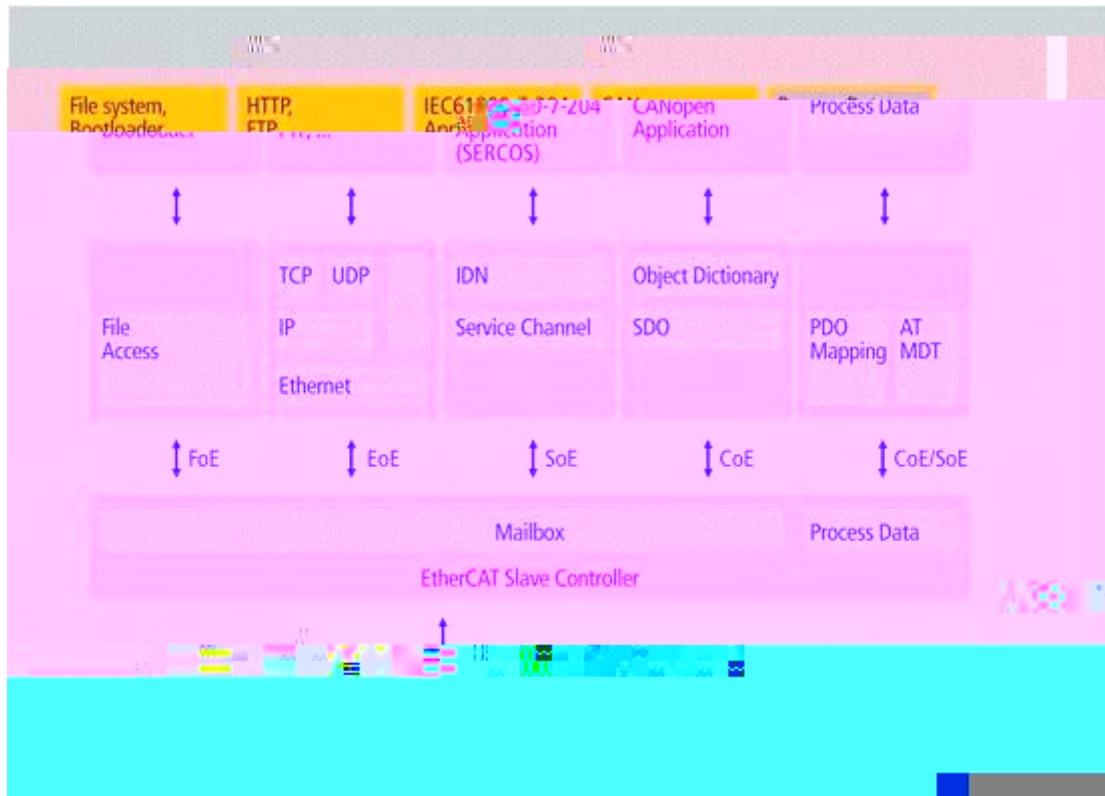
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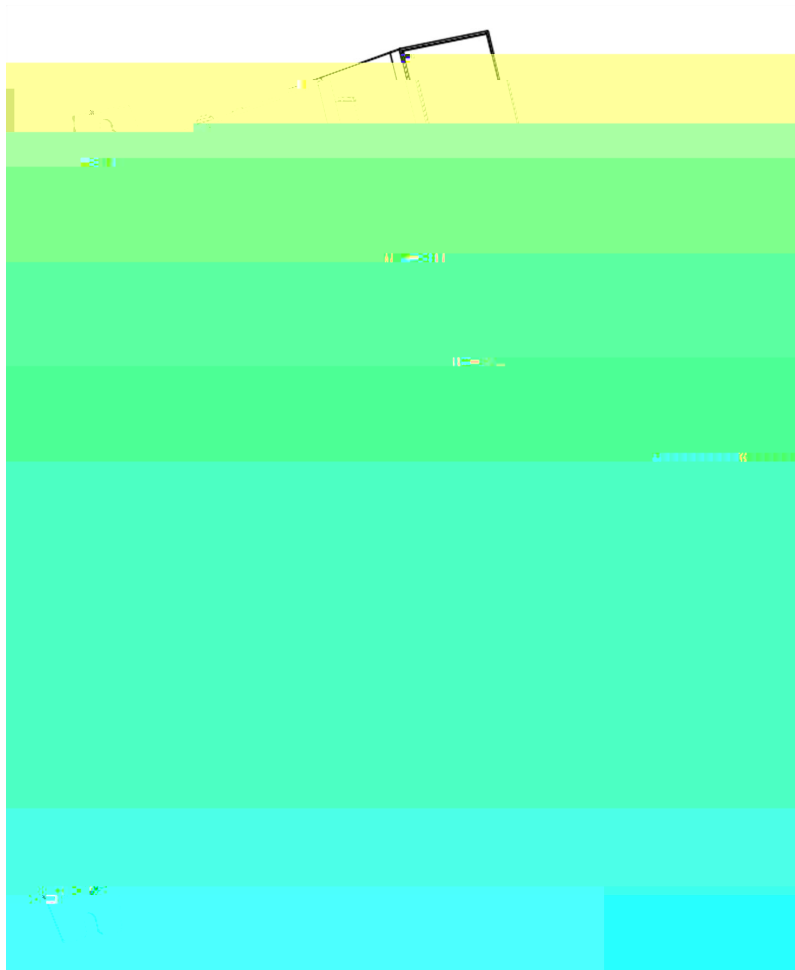
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RJ45-2

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RJ45-2	B

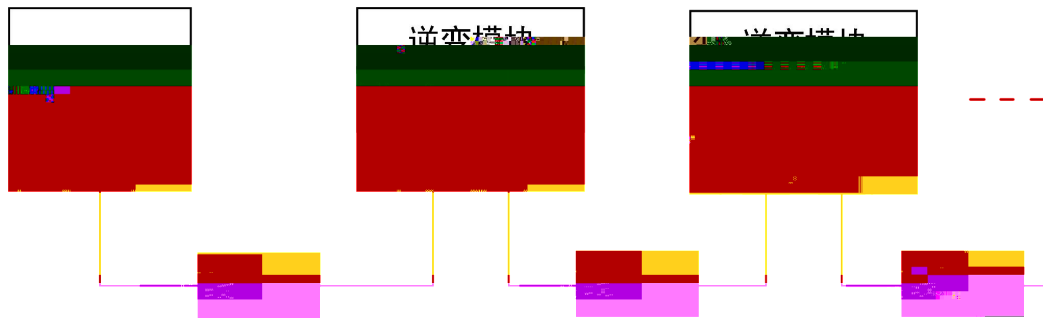
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GSDML- -GUIDE-ET.XML

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P33.0		[0] [1]	0 1	0
P33.2		[0]PP01 [1]PP02 [2]PP05	0 2	1
P33.5		[0] [1] [2] [3]	0 3	0
P33.6		ms	0 1000	50
P33.7		[0] [1]	0 1	1
P33.8		s	0.0 10.0	3.0
P33.9	[WO]		0 1000	0
P33.10	[WO]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000	0 4	0
...	...	...	...	...
P33.45	[WO]		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
...	...	...	...	...

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[0] EtherCat

[1] EtherCat

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PP0 Parameter/Process Data Objects, /

EtherCat PP0

2 PP0

PPP05

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PLC

HF681N

PLC

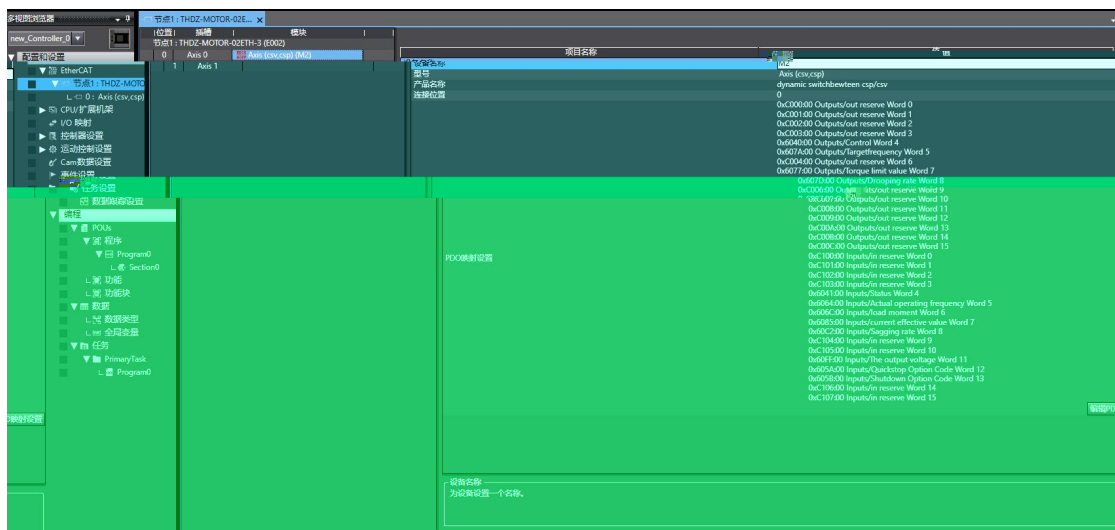
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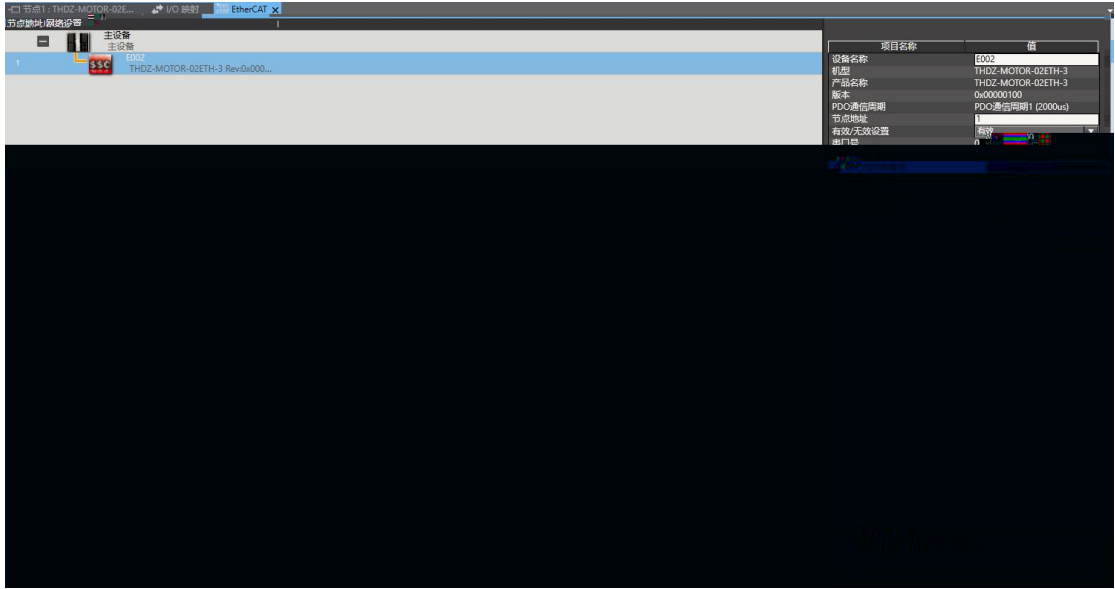
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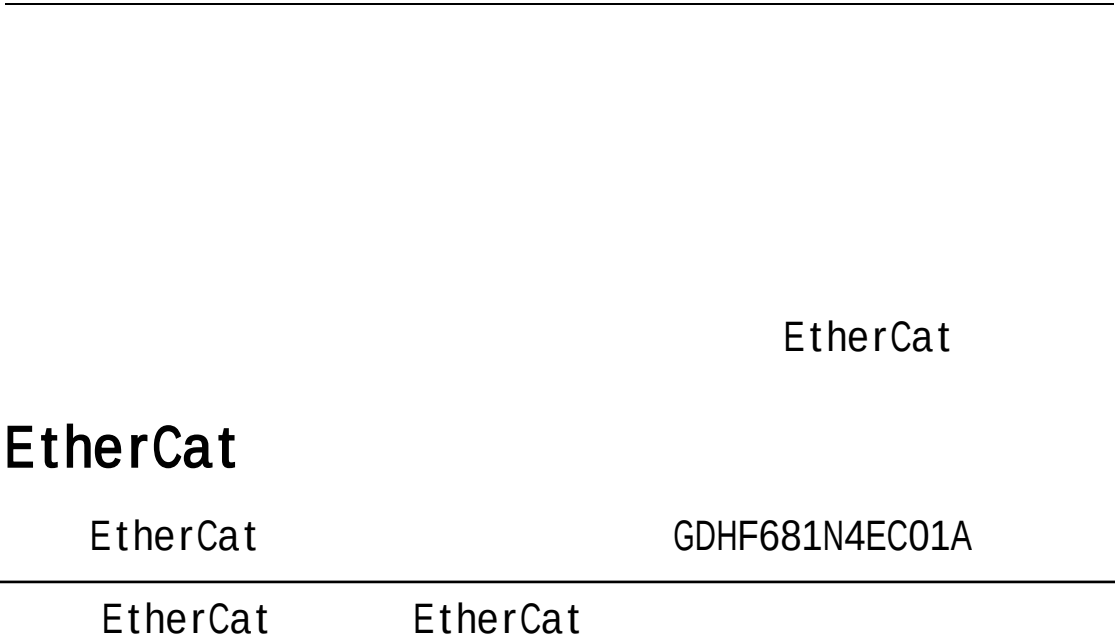
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PP0 Parameter/Process Data Objects

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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		



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				
		bit		
		0	Reserved	
		1	Reserved	
		' 0 '		
		2	SAVE_to_FLASH	' 1 '
PA_STATUS		FLASH		
W0		' 0 '		
		3	ILLEGAL_ADDRES	
			S	' 1 '
		4		
		~	Reserved	
		15		
W1	Address	byte	[15..08]	[07..00]
		Data		
W2	0			0
W3	Data		16	

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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



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

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Err		EtherCat EtherCat
RUN		EtherCat EtherCat

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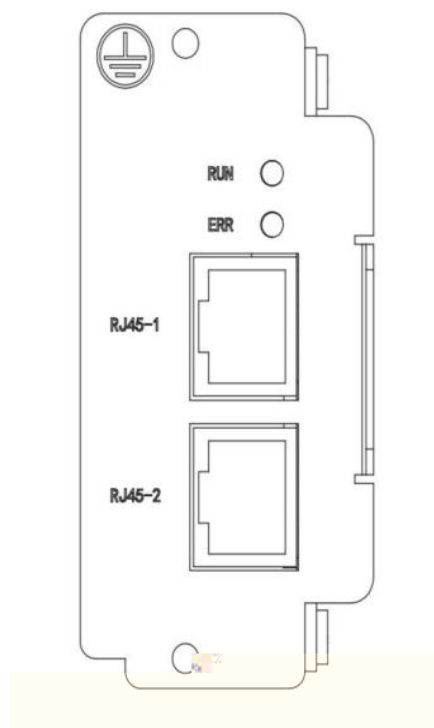
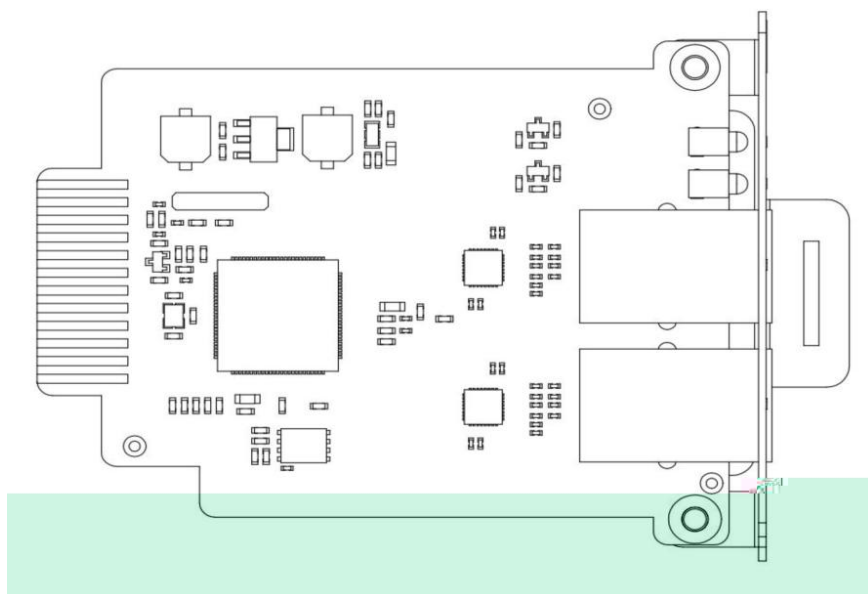
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TIA/EIA-568-B

	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

EtherCat

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