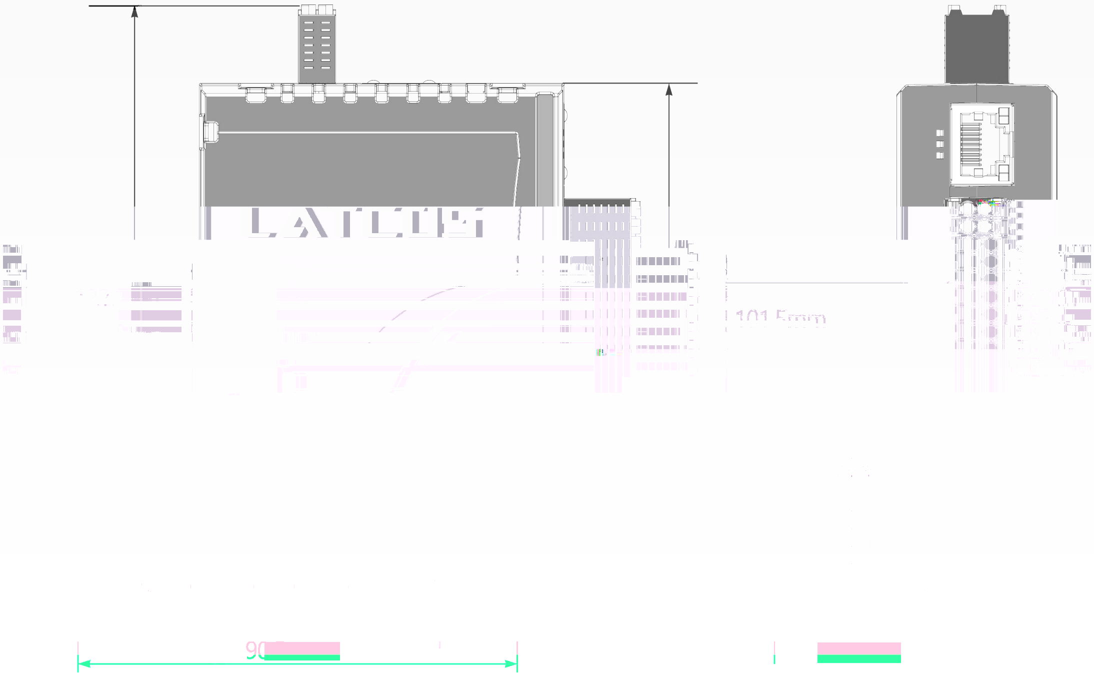
1. 3
  1.1 4
  1.2 4
  1.3 4
  1.4 4
2. 5
  2.1 6
  2.2 SRX-MT 7
    2.2.1 DI 7
    2.2.2 DQ 7
    2.2.3 AI/AQ 8
    2.2.4 Modbus-TCP 9
    2.2.5 9
3. 10
  3.1 11
  3.2 11
4. 12
  4.1 SRX-MT 16 13
  4.2 SRX-MT 32 14
  4.3 15
  4.4 LED 15
    4.4.1 15
    4.4.2 I/O 15
    4.4.3 RJ45 16
  4.5 16
  4.6 17
  4.7 18
    4.7.1 18
    4.7.2 28
5.Modbus-TCP 32
  5.1Modbus-TCP 33
    5.1.1 Modbus-TCP 33
  5.2 33
    5.2.1 33
    5.2.2 34
    5.2.3 34
  5.3 SRX-MT 34
  5.4 34
6. PLC 45

SRX 33 * 122.5 * 90.5 W/H/D mm

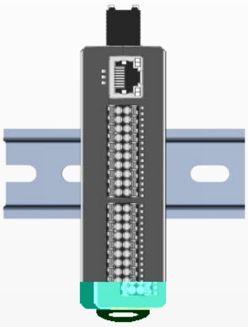
IP20

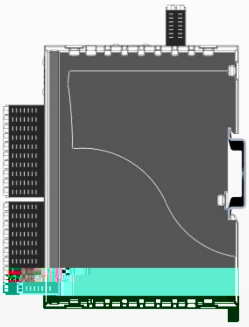


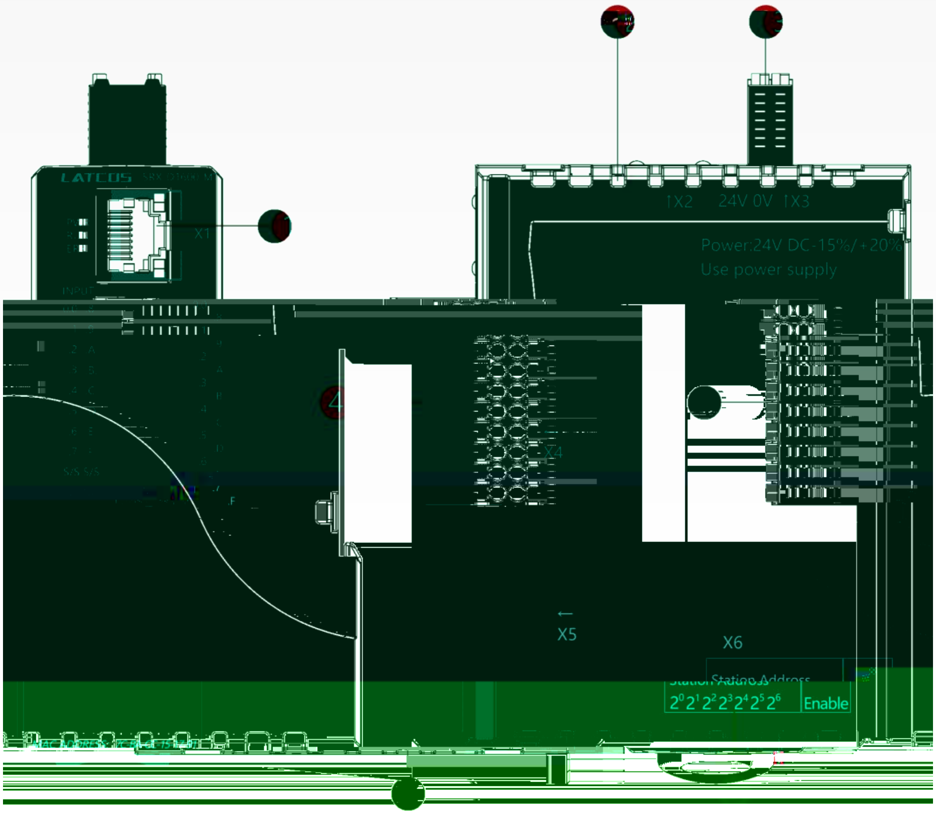
SRX 25 mm

75 mm

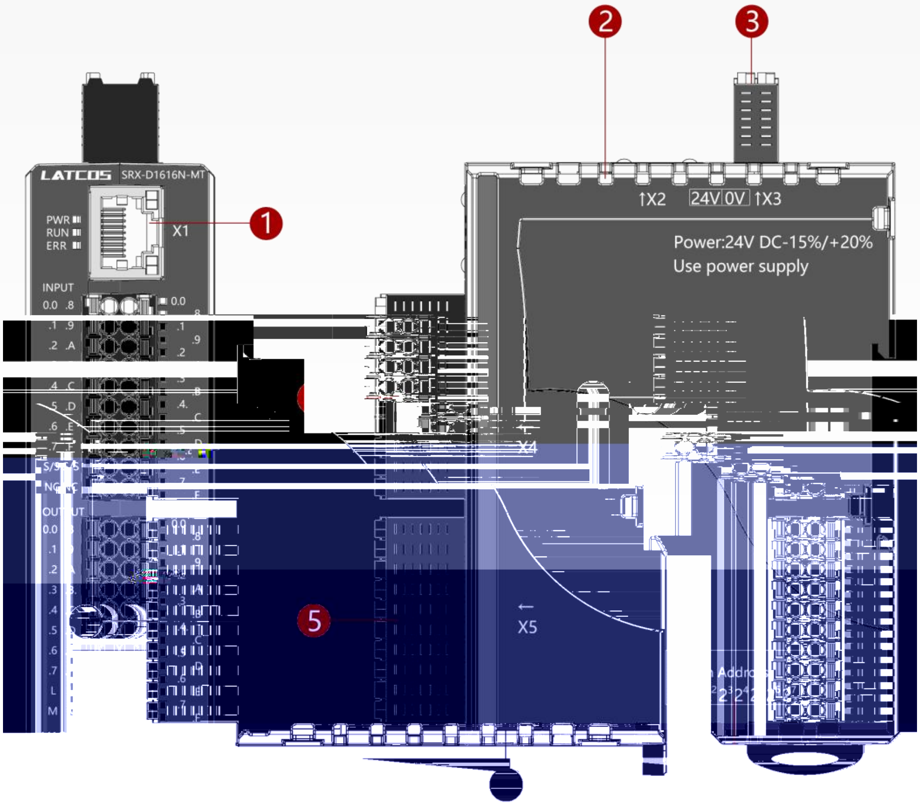
DIN TS35/7.5 2






LATCOS
X1
↑X2 24V 0V ↑X3
Power:24V DC-15%/+20%
Use power supply
X4
← X5
X6
Station Address
$2^0 2^1 2^2 2^3 2^4 2^5 2^6$
Enable

	X1	RJ45	PLC PC
	X2	RJ45	PLC PC
	X3	24V	
	X4		
	X6		IP


LATCOS
SRX-D1616N-MT
PWR
RUN
ERR
X1
INPUT
OUT UT
1
2
3
5
X2
24V
0V
X3
Power:24V DC-15%/+20%
Use power supply
X4
X5
Addr

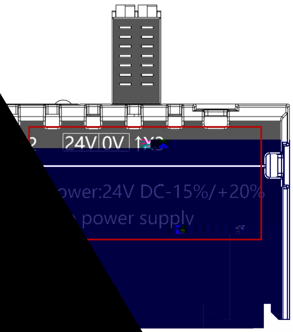
	X1	RJ45	PLC PC
	X2	RJ45	PLC PC
	X3	24V	
	X4		
	X5		
	X6		IP

RJ45

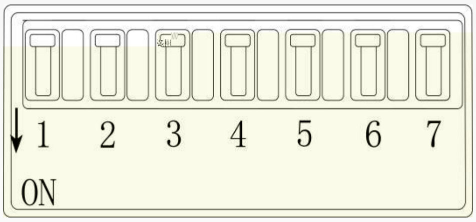
RJ45 Hub

8 7 RJ45

		RJ45
		RJ45
	○	RJ45
		RJ45


24V 0V 1X2
ower:24V DC-15%/+20%
power supply

D

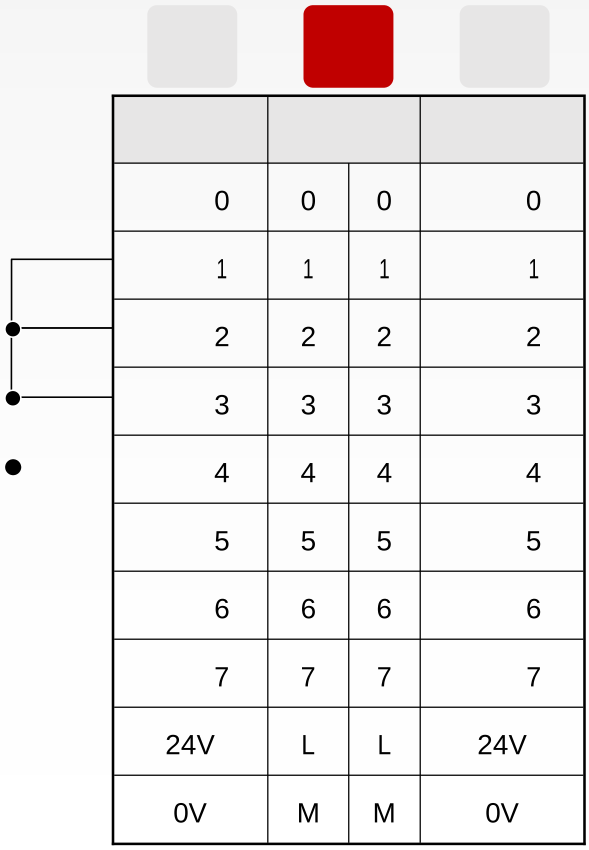


a, LAEconfig OFF

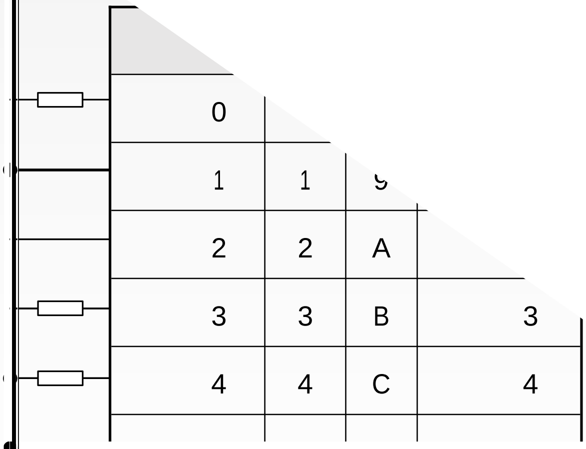
b, 0 IP

1 2 7 ON OFF 67

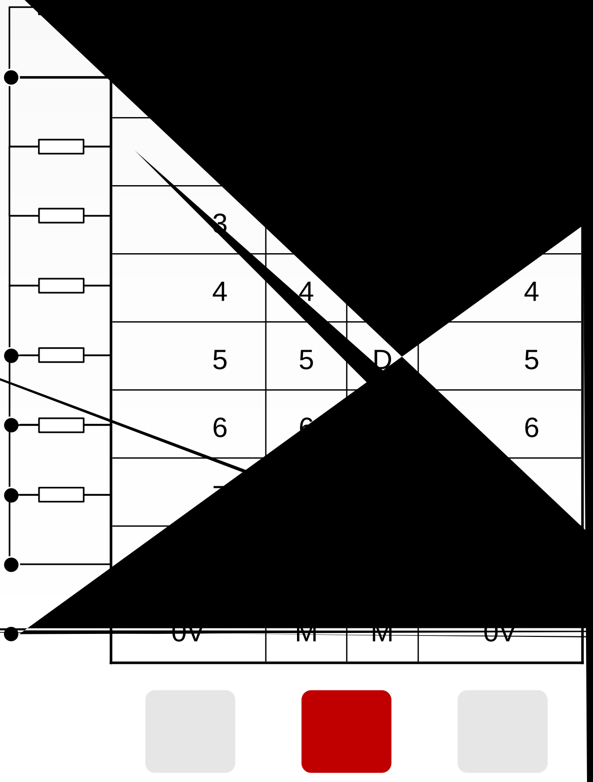
IP ***.***.***.67)



0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
24V	L	L	24V
0V	M	M	0V



0			
1	1	9	
2	2	A	
3	3	B	3
4	4	C	4

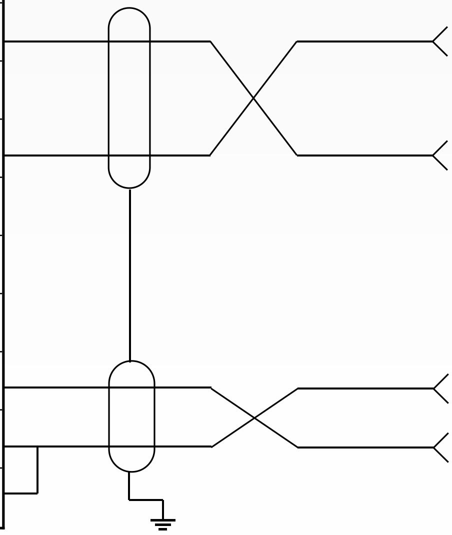

3
4
4
4
5
5
D
5
6
6
6
0V
M
M
0V

0	0	8	0
1	1	9	1
2	2	A	2
3	3	B	3
4	4	C	4
5	5	D	5
6	6	E	6
7	7	F	7
24V	L	L	24V
0V	M	M	0V

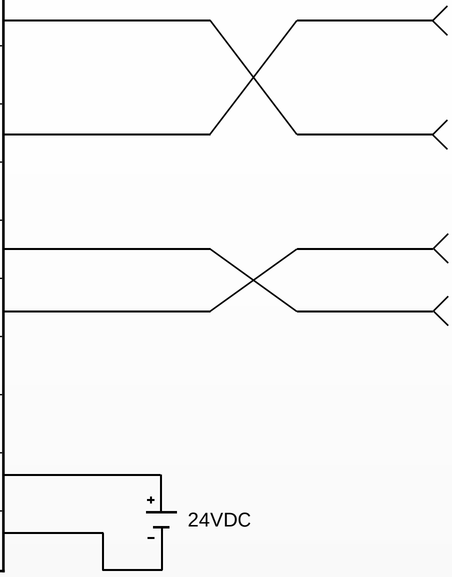
0	0	8	0
1	1	9	1
2	2	A	2
3	3	B	3
4	4	C	4
5	5	D	5
6	6	E	6
7	7	F	7
	S/S	S/S	
	NC	NC	

0	0	8	0
1	1	9	1
2	2	A	2
3	3	B	3
4	4	C	4
5	5	D	5
6	6	E	6
7	7	F	7
24V	L	L	24V
0V	M	M	0V

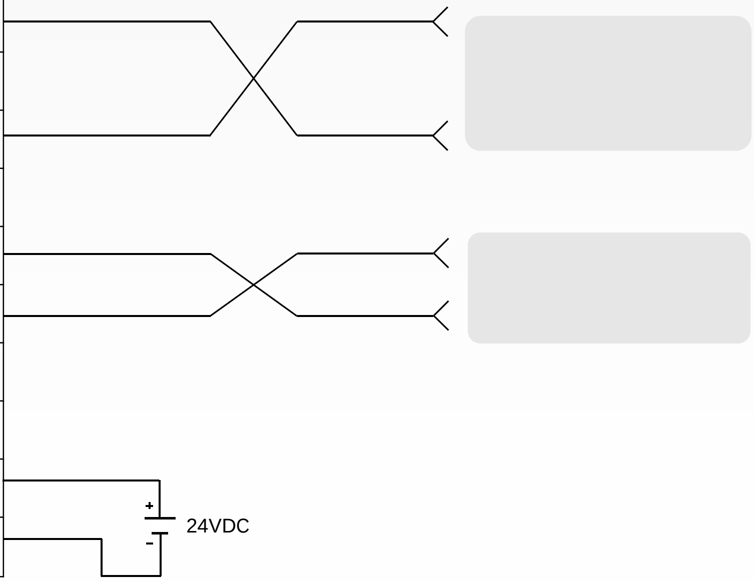
	PE	PE	
1	GND1	GND4	4
1	I1	I4	4
1	V1	V4	4
2	GND2	GND5	5
2	I2	I5	5
2	V2	V5	5
3	GND3	GND6	6
3	I3	I6	6
3	V3	V6	6



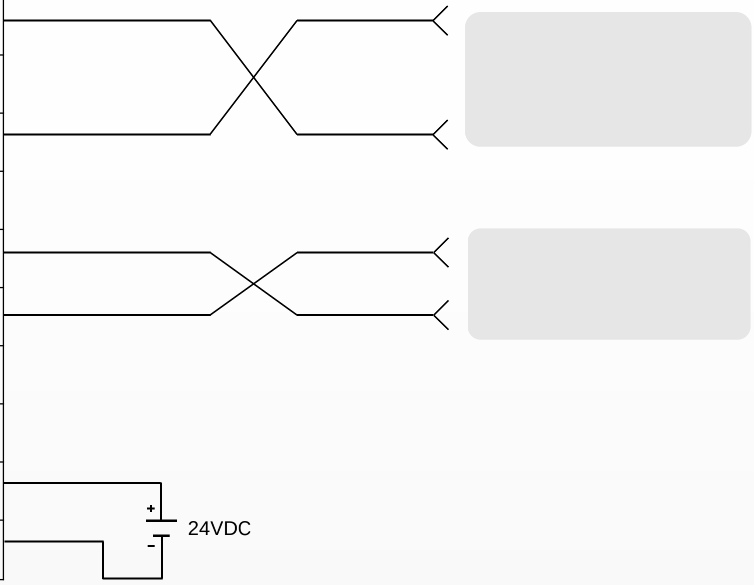
1	I1	I3	3
1	V1	V3	3
1	GND1	GND3	3
2	I2	I4	4
2	V2	V4	4
2	GND2	GND4	4
	NC	NC	
	PE	PE	
24V	L	L	24V
0V	M	M	0V



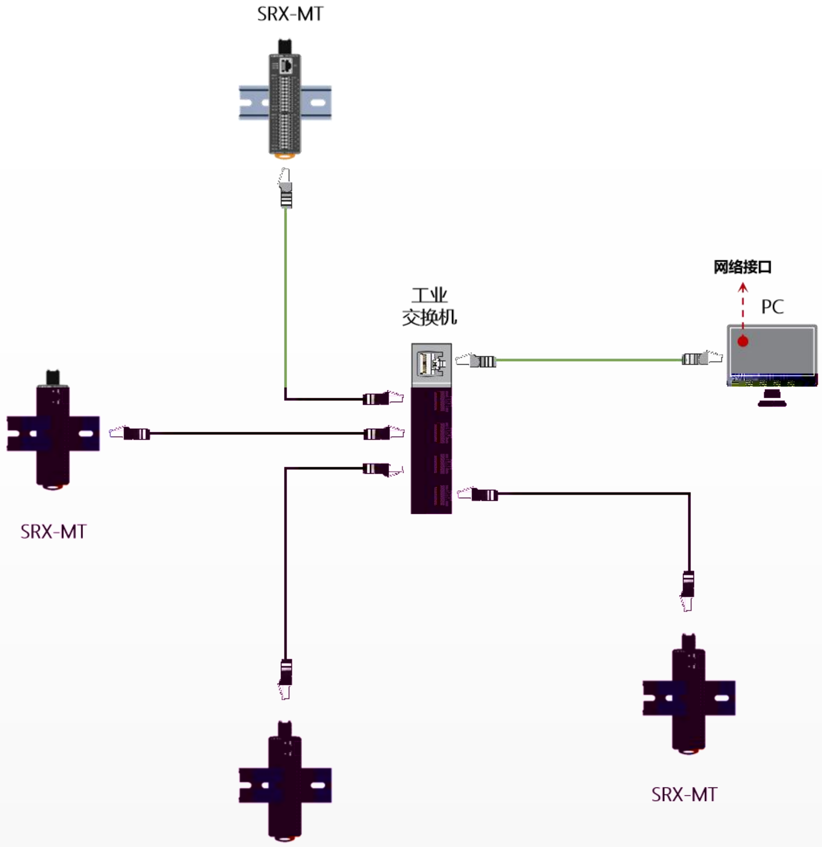
1	I1	I3	3
1	V1	V3	3
1	GND1	GND3	3
2	I2	I4	4
2	V2	V4	4
2	GND2	GND4	4
	NC	NC	
	PE	PE	
24V	L	L	24V
0V	M	M	0V

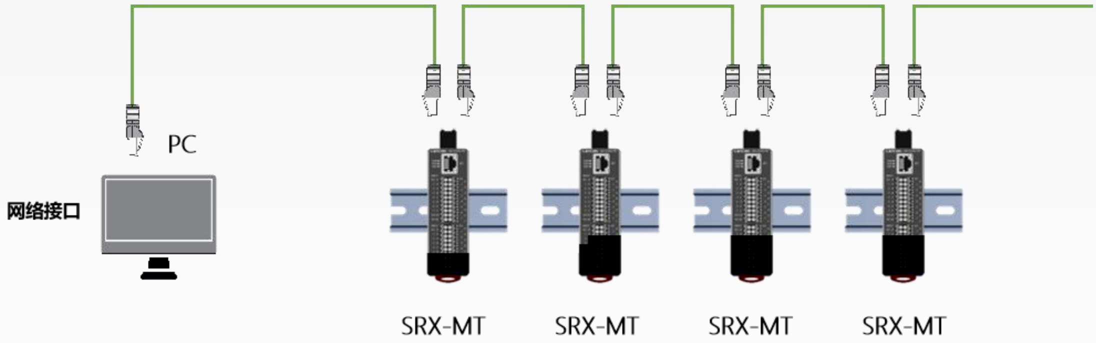


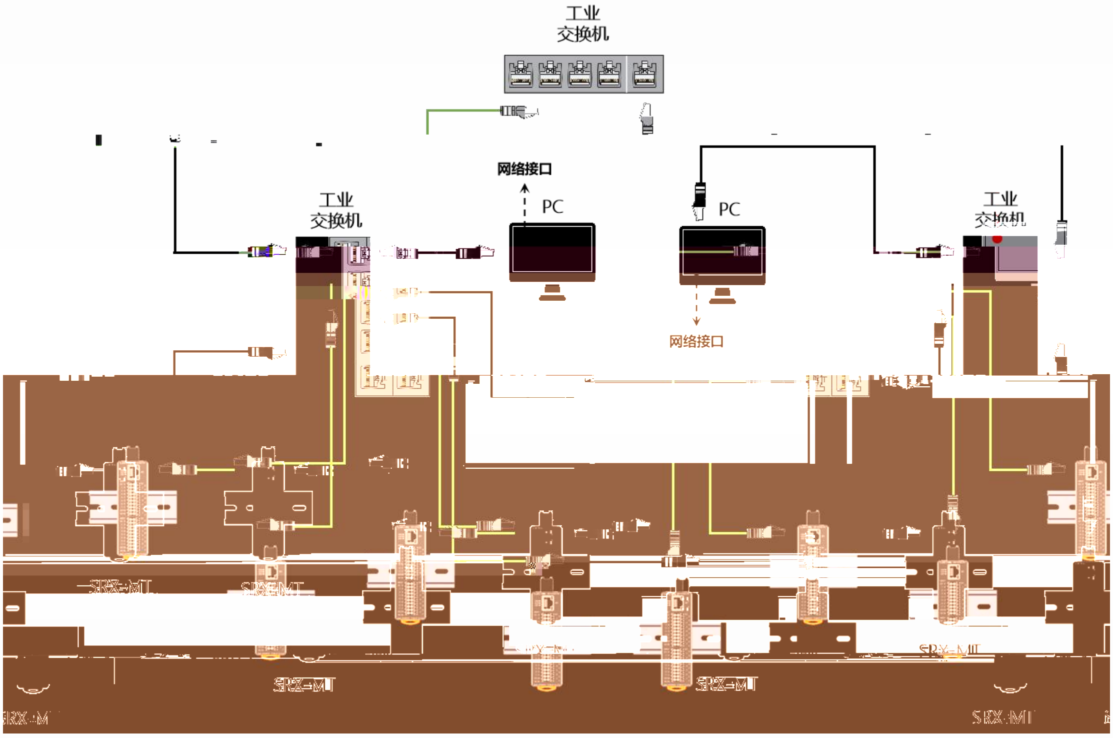
1	I1	I3	3
1	V1	V3	3
1	GND1	GND3	3
2	I2	I4	4
2	V2	V4	4
2	GND2	GND4	4
	NC	NC	
	PE	PE	
24V	L	L	24V
0V	M	M	0V



MODBUS/TCP MODBUS
TCP/IP “Intranet” “Internet”
MODBUS PLC I/O
I/O
Modbus TCP RTU MBAP TCP
RTU CRC Modbus TCP CRC
( ) MBAP (2) (2)
(2) (1)


SRX-MT
网络接口
PC
工业
交换机
SRX-MT
SRX-MT


PC
网络接口
SRX-MT
SRX-MT
SRX-MT
SRX-MT


工业
交换机
网络接口
PC
PC
网络接口
工业
交换机
工业
交换机
SRX-MT
SRX-MT
SRX-MT
SRX-MT
SRX-MT
SRX-MT

SRX-MTDI/DQ/AI/AQ

- 16 2 In
- 6 12 In
- 16 2 Out

LAEconfig LAEconfig

BIT No	BIT 7	BIT 6	BIT 5	BIT 4	BIT 3	BIT 2	BIT 1	BIT 0
BYTE 0	Filter							

	Filter	ms		0-255 5	

BIT No	BIT 7	BIT 6	BIT 5	BIT 4	BIT 3	BIT 2	BIT 1	BIT 0
BYTE 0	DO Error_Mode	DO Error_Mode	DO Error_Mode	DO Error_Mode	DO Error_Mode	DO Error_Mode	DO Error_Mode	DO Error_Mode
DO Error_Mode bits 0-7	For 7	For 6	For 5	For 4	For 3	For 2	For 1	For 0
BYTE 1	DO Error Value For	DO Error Value For	DO Error Value For	DO Error Value For	DO Error Value For	DO Error Value For	DO Error Value For	DO Error Value For
DO Error_Value bits 0-7	7	6	5	4	3	2	1	0

	DO Error_Mode bits	-		0-255 0	DQ0.x bit DQ0.x Bit0 DQ-0.0 “Error Mode” bit “1” “Error Value[7..0]” bit DQ0.x
	DO Error_Value bits	-		0-255 0	“Error Mode[7..0]” bit DQ

BIT No	BIT 7	BIT 6	BIT 5	BIT 4	BIT 3	BIT 2	BIT 1	BIT 0
BYTE 0	Filter							

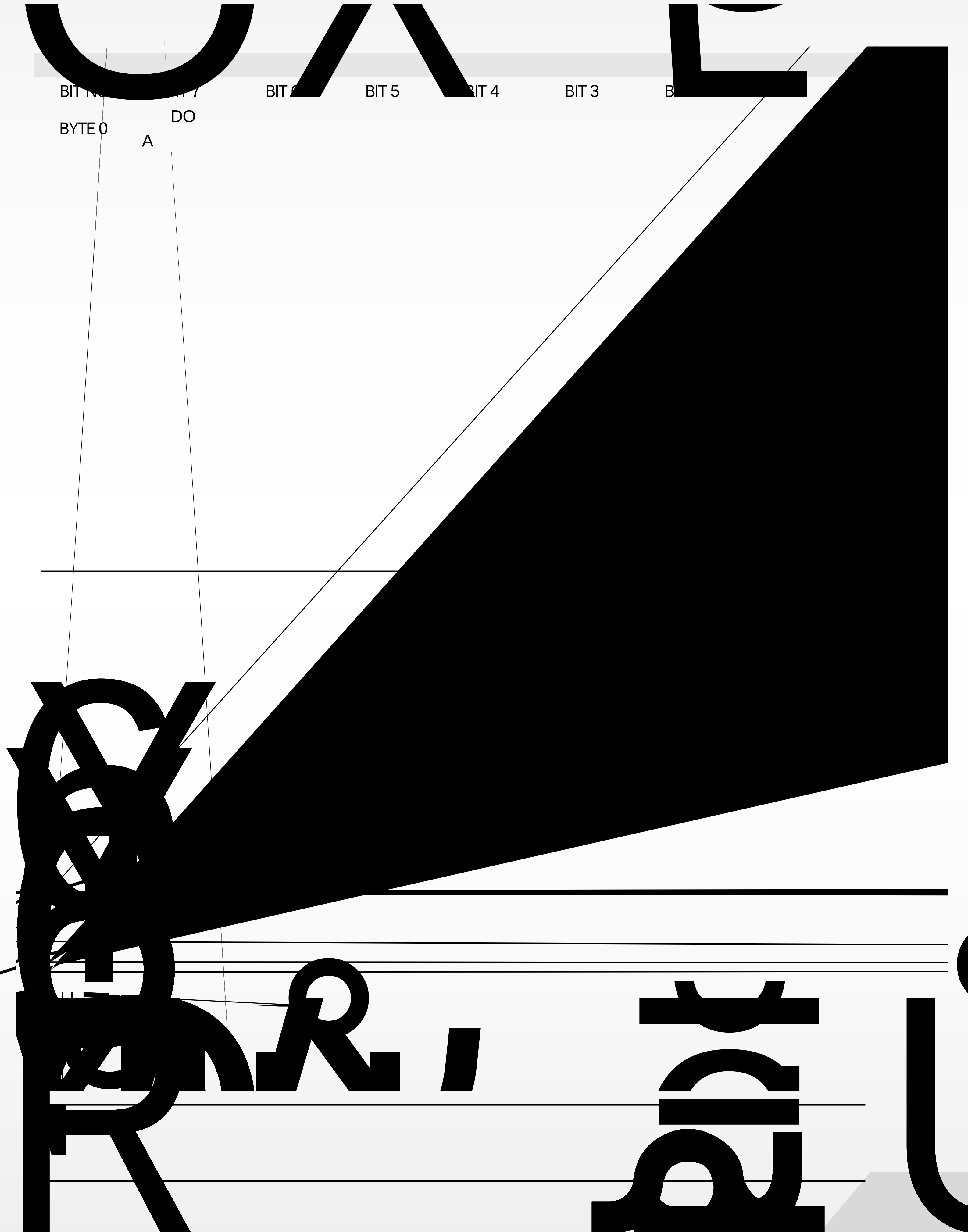
	Filter	ms		0-255 5	

BIT No	BIT 7	BIT 6	BIT 5	BIT 4	BIT 3	BIT 2	BIT 1	BIT 0
BYTE 0	DO Error_Mode	DO Error_Mode	DO Error_Mode	DO Error_Mode	DO Error_Mode	DO Error_Mode	DO Error_Mode	DO Error_Mode
DO Error_Mode bits 0-7	For 7	For 6	For 5	For 4	For 3	For 2	For 1	For 0
BYTE 1	DO Error Value For	DO Error Value For	DO Error Value For	DO Error Value For	DO Error Value For	DO Error Value For	DO Error Value For	DO Error Value For
DO Error_Value bits 0-7	7	6	5	4	3	2	1	0

	DO Error_Mode bits	-		0-255 0	DQ0.x bit DQ0.x Bit0 DQ-0.0 “Error Mode” bit “1” “Error Value[7..0]” bit DQ0.x
	DO Error_Value bits	-		0-255 0	“Error Mode[7..0]” bit DQ

BIT No	BIT 7	BIT 6	BIT 5	BIT 4	BIT 3	BIT 2	BIT 1	BIT 0
BYTE 0	Filter							

	Filter	ms		0-255 5	

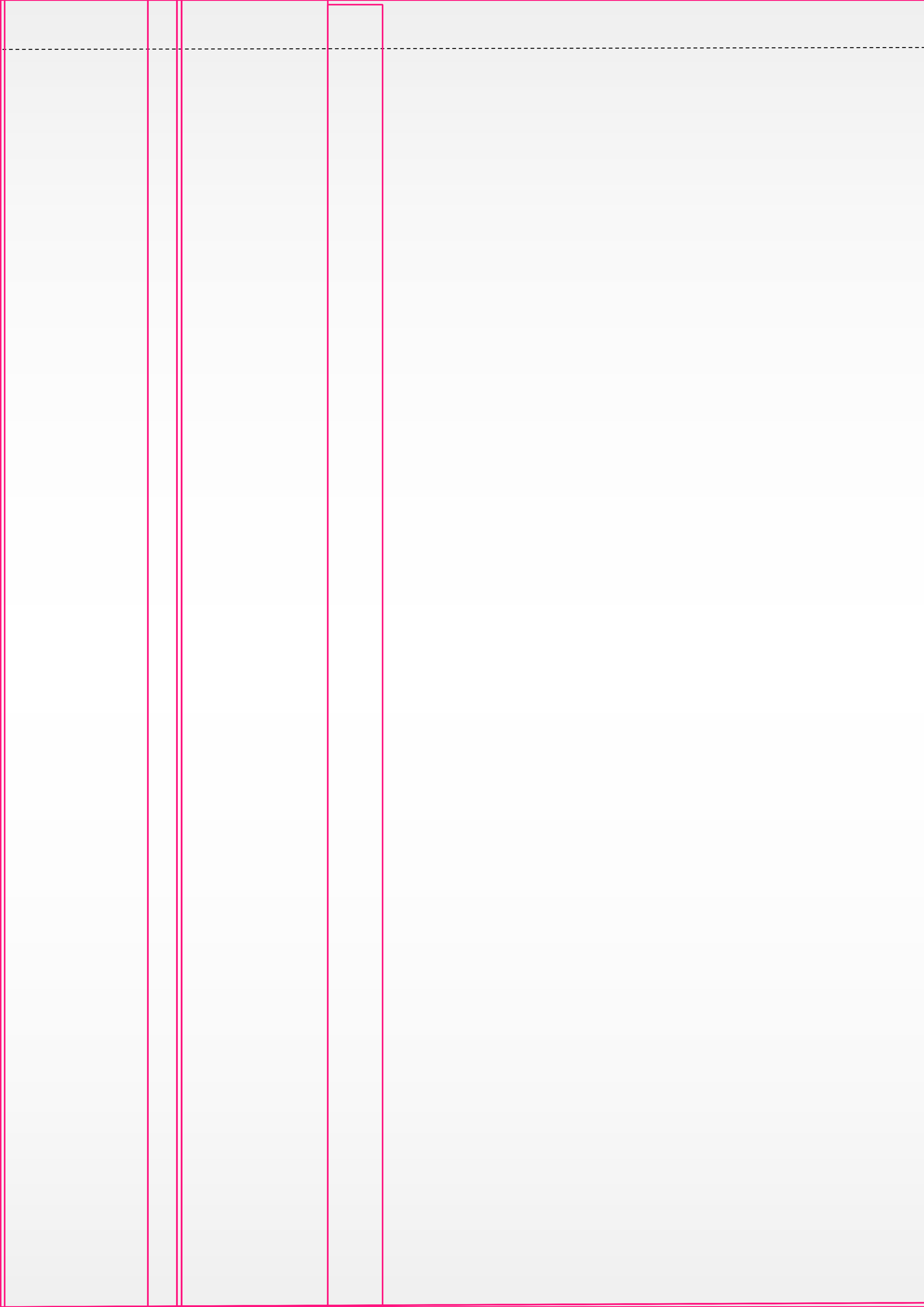


BIT N IT 7 BIT BIT 5 BIT 4 BIT 3 BI

DO

BYTE 0

A



BIT No	BIT 7	BIT 6	BIT 5	BIT 4	BIT 3	BIT 2	BIT 1	BIT 0
BYTE 0	Measuring Range For CH1							
BYTE 1	Notch Filter For CH1							
BYTE 2	AverageNum For CH1							
BYTE 3	Full value For CH1							
BYTE 4								
BYTE 5	Zero_valueFor CH1							
BYTE 6								
BYTE 7	Measuring Range For CH2							
BYTE 8	Notch Filter For CH2							
BYTE 9	AverageNum For CH2							
BYTE 10	Full value For CH2							
BYTE 11								
BYTE 12	Zero_valueFor CH2							
BYTE 13								
...	...							

1	Measuring Range For CH1	-		0:Disable 1:0-10V( ) 2:0-20ma 3:4-20ma	Disable
1	Notch Filter For CH1	-		0:Disable 1:50Hz 2:60Hz	50Hz 60Hz
1	AverageNum For CH1	-		X0( ) X4 X8 X16 X32	
1	Full value For CH1	-		-32768..32767 32767	
1	Zero_value For CH1	-		-32768..32767 0	

BIT No	BIT 7	BIT 6	BIT 5	BIT 4	BIT 3	BIT 2	BIT 1	BIT 0
BYTE 0	Measuring Range For CH1							
BYTE 1	Notch Filter For CH1							
BYTE 2	AverageNum For CH1							
BYTE 3	Full value For CH1							
BYTE 4								
BYTE 5	Zero_valueFor CH1							
BYTE 6								
BYTE 7	Measuring Range For CH2							
BYTE 8	Notch Filter For CH2							
BYTE 9	AverageNum For CH2							
BYTE 10	Full value For CH2							
BYTE 11								
BYTE 12	Zero_valueFor CH2							
BYTE 13								

...

BIT No	BIT 7	BIT 6	BIT 5	BIT 4	BIT 3	BIT 2	BIT 1	BIT 0
BYTE 0	Measuring Range For CH1							
BYTE 1	Notch Filter For CH1							
BYTE 2	AverageNum For CH1							
BYTE 3	Full value For CH1							
BYTE 4								
BYTE 5	Zero_valueFor CH1							
BYTE 6								
BYTE 7	Measuring Range For CH2							
BYTE 8	Notch Filter For CH2							
BYTE 9	AverageNum For CH2							
BYTE 10	Full value For CH2							
BYTE 11								
BYTE 12	Zero_valueFor CH2							
BYTE 13								
...								

1	Measuring Range For CH1	-		0:Disable 1:0-10V( ) 2:0-20ma 3:4-20ma	Disable
1	Notch Filter For CH1	-		0:Disable 1:50Hz 2:60Hz	50Hz 60Hz
1	AverageNum For CH1	-		X0( ) X4 X8 X16 X32	
1	Full value For CH1	-		-32768..32767 32767	
1	Zero_valueFor CH1	-		-32768..32767 0	

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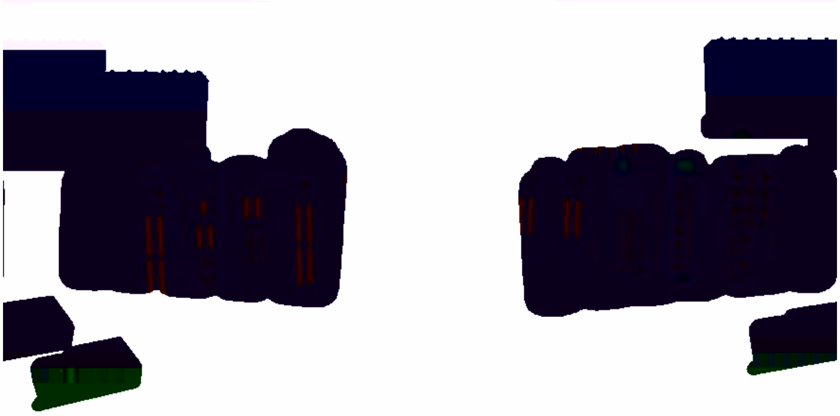

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