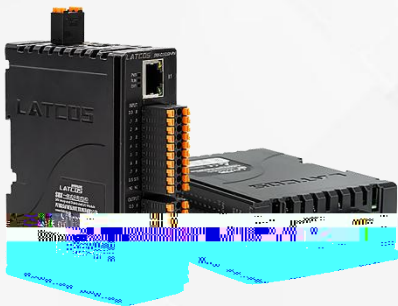


凌科自动化

User Manual



SRX

ETHERNET/IP
Remote IO Module
IO

1.	3
1.1	1.11

.....m".....

SRX-EP

I/O

ETHERNET/IP

ETHERNET/IP

SRX	

EP	EtherNet/IP

D	
A	

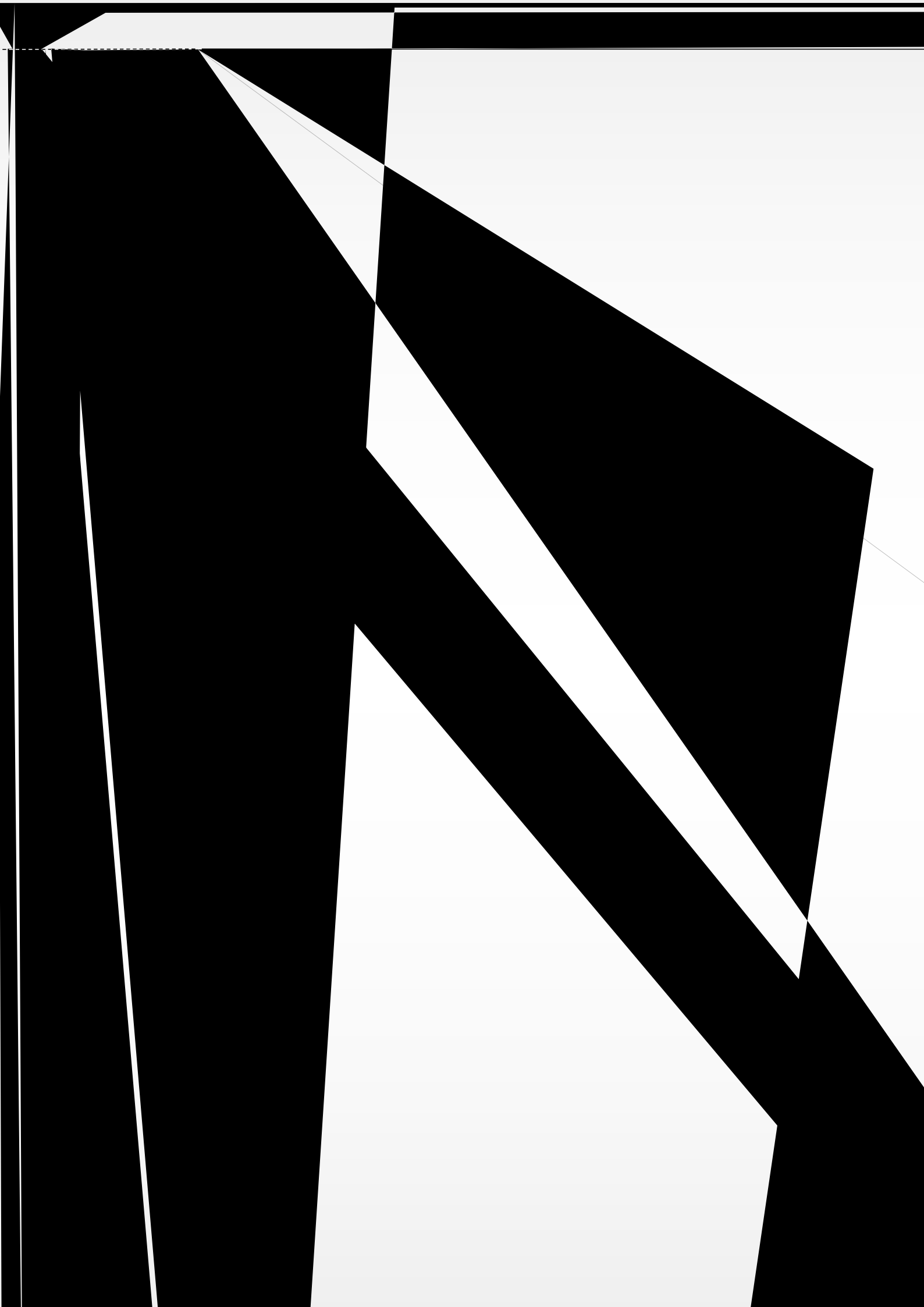
P	PNP
N	NPN

00	
08	8
16	16
32	32
06	6
12	12

00	
08	8
16	16
32	32
04	6
08	8



1	SRX-D0808P-EP	8	8	PNP	ETHERNET/IP	2×RJ45
2	SRX-D0808N-EP	8	8	NPN	ETHERNET/IP	2×RJ45
3	SRX-D1600-EP	16		PNP&NPN	ETHERNET/IP	2×RJ45
4	SRX-D0016P-EP	16		PNP	ETHERNET/IP	2×RJ45
5	SRX-D0016N-EP	16		NPN	ETHERNET/IP	2×RJ45
6	SRX-D0032-EP	32		PNP&NPN	ETHERNET/IP	2×



ETHERNET/IP

5



1		ETHERNET/IP
2		10/100 Mbaud
3	RJ45	IEEE 802.xx
4		MAC
5		CAT5e
6	ETHERNET/IP	(MRP)
7		1500V DC IEC61000-4- 100

3

MOSFET

3

24V DC (-15 %/+ 20 %) 0.5A

I/O 500V DC

24V DC (-15 %/+ 20 %) 16*10mA I/O

500V DC

MOSFET 24V DC (-15 %/+ 20 %) 16*0.5A

I/O 500V D

SRX
IP20

33 * 122.5 * 90.5 W/H/D mm

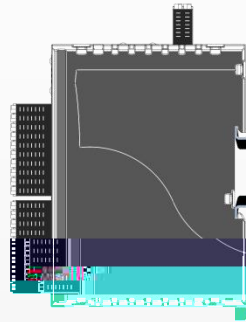
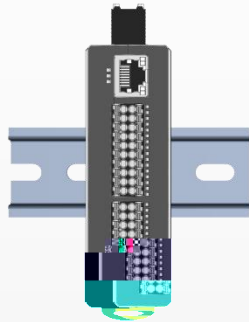
SRX

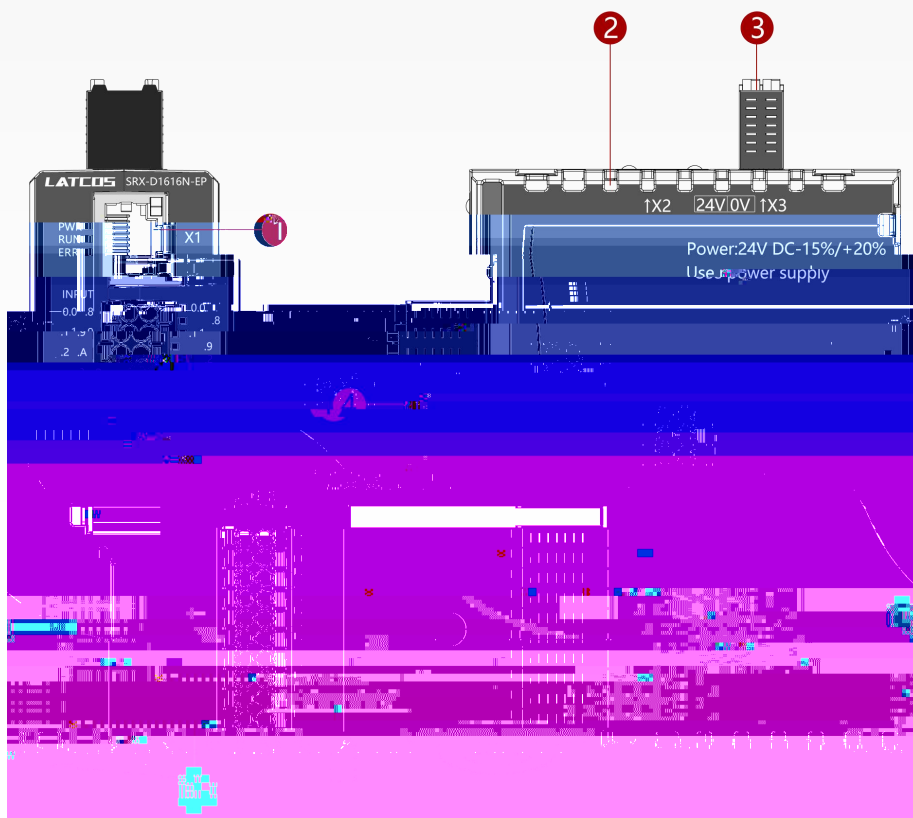
25 mm

DIN

75 mm
TS35/7.5

2





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



"1"

/

"0"

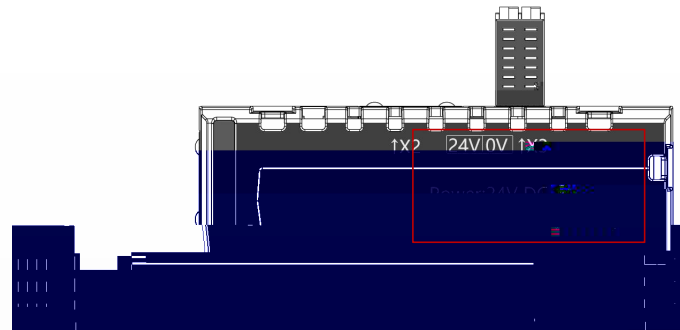
RJ45

RJ45

Hub

8 7 RJ45

○		RJ45
●		RJ45
	○	RJ45
	●	RJ45



24V	24V
0V	0V

24V DC (-15 %/+ 20 %)

0.5A

I/O

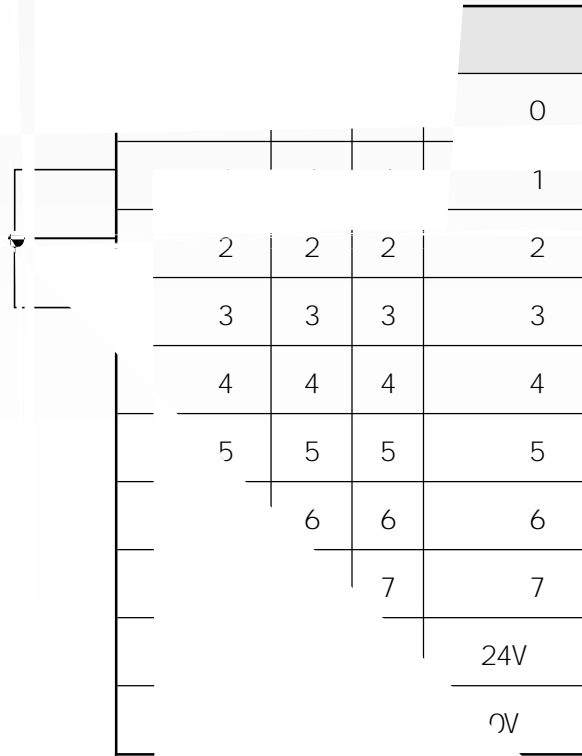
500V DC

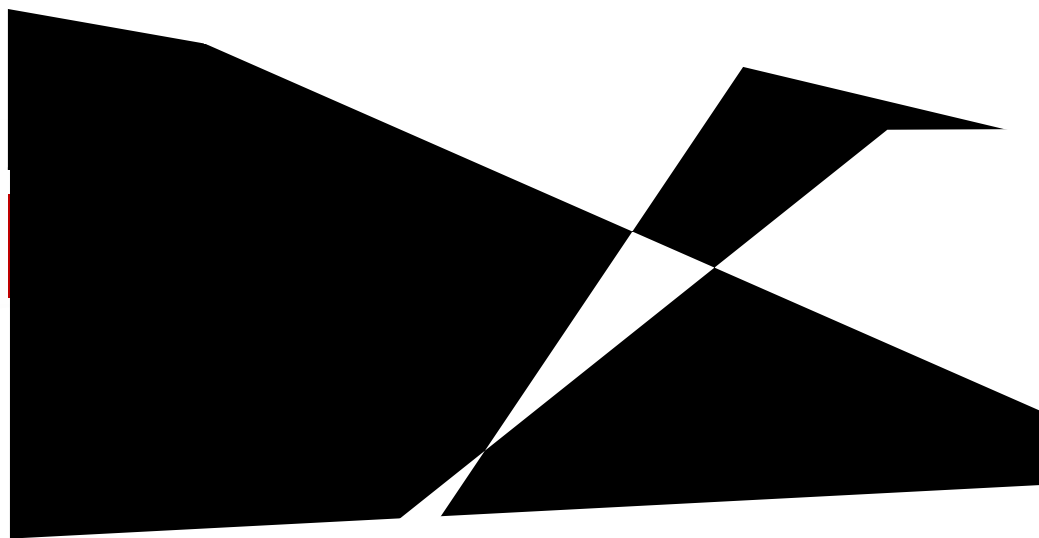
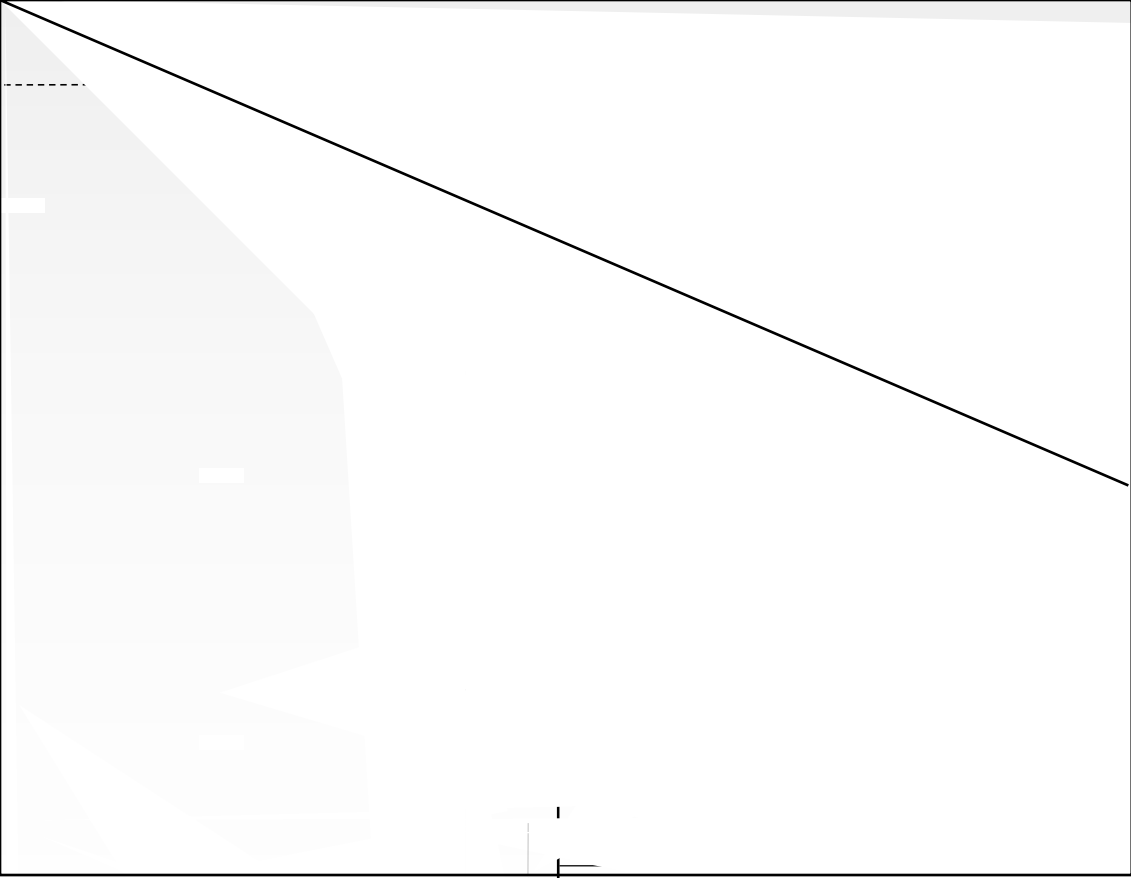


a, LAEconfig OFF
b, 0 IP
1 2 7 ON OFF 67
IP (***.***.***.67)

EP

DO






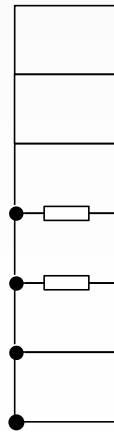
SRX-DO016N-EP

DO

X4

DO

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



SRX-D0032P-EP

DO

X4

DO

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

DO

X5

DO

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



DO

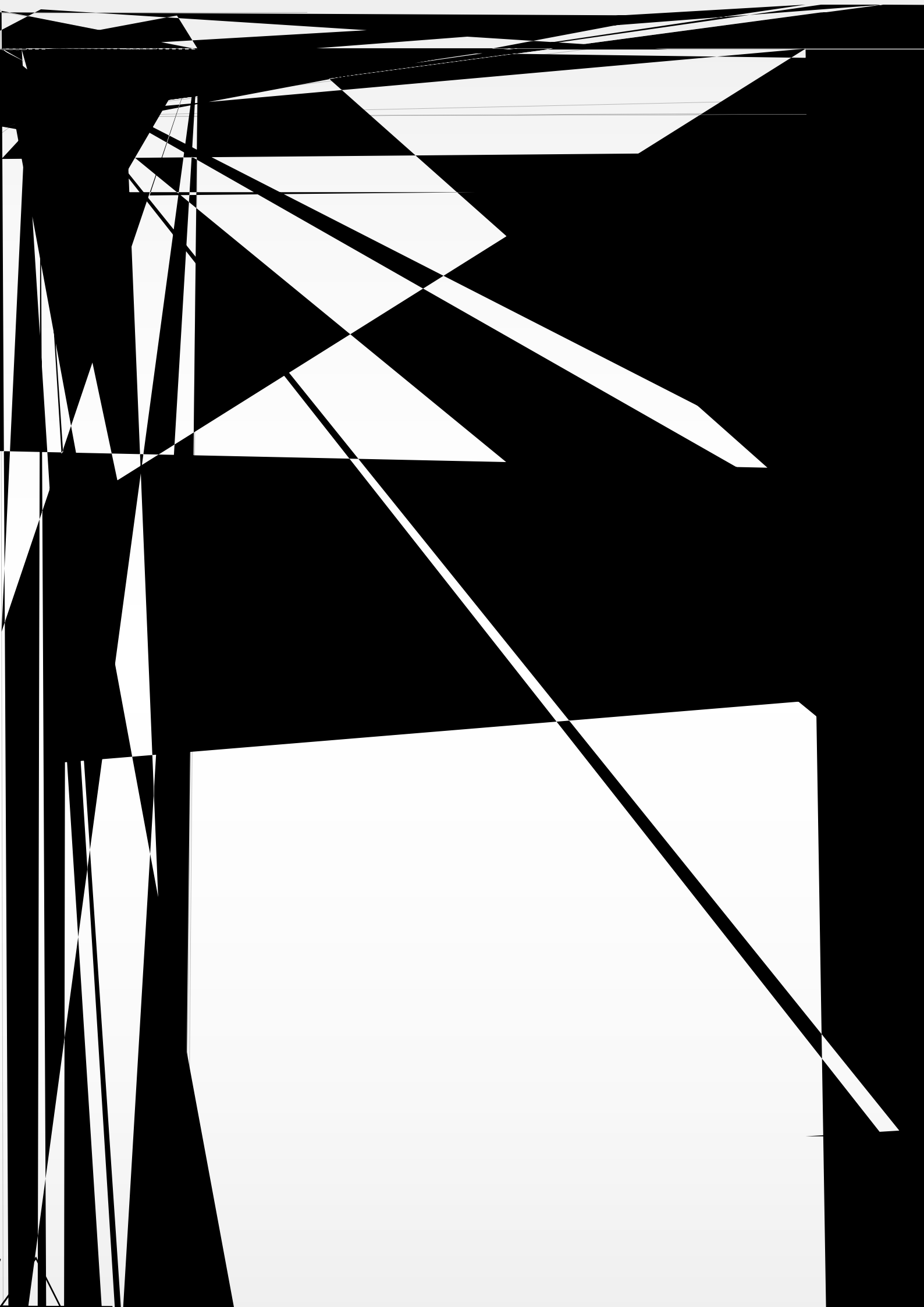
X4

DO

DO

X

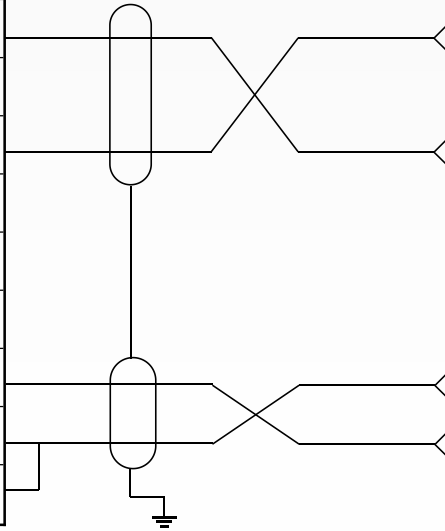
DO



SRX- 0604-EP

X4

	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

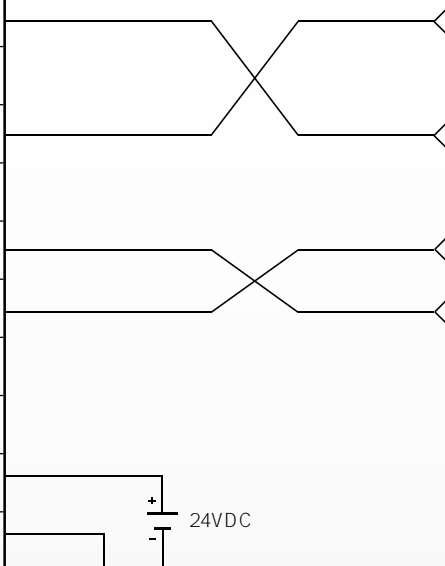


0-10V

0-20mA
4-20mA

X5

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



0-20mA
4-20mA

0-10V

24VDC

SRX- 000

X4

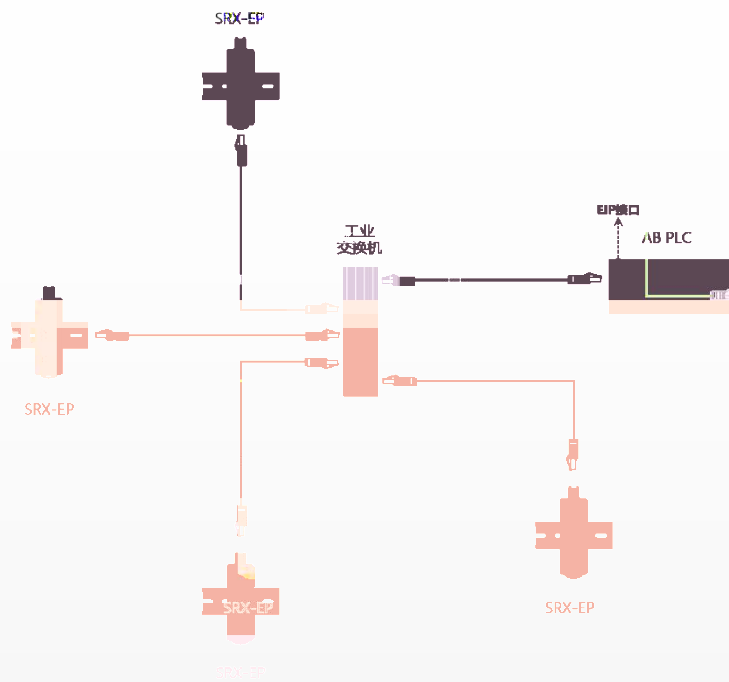
1	I1		
1	V1		
1	GND1	G	
2	I2		
2	V2		
3	GND3	GND4	4
		NC	
		PE	
24V	L	L	24V
0V	N		0V

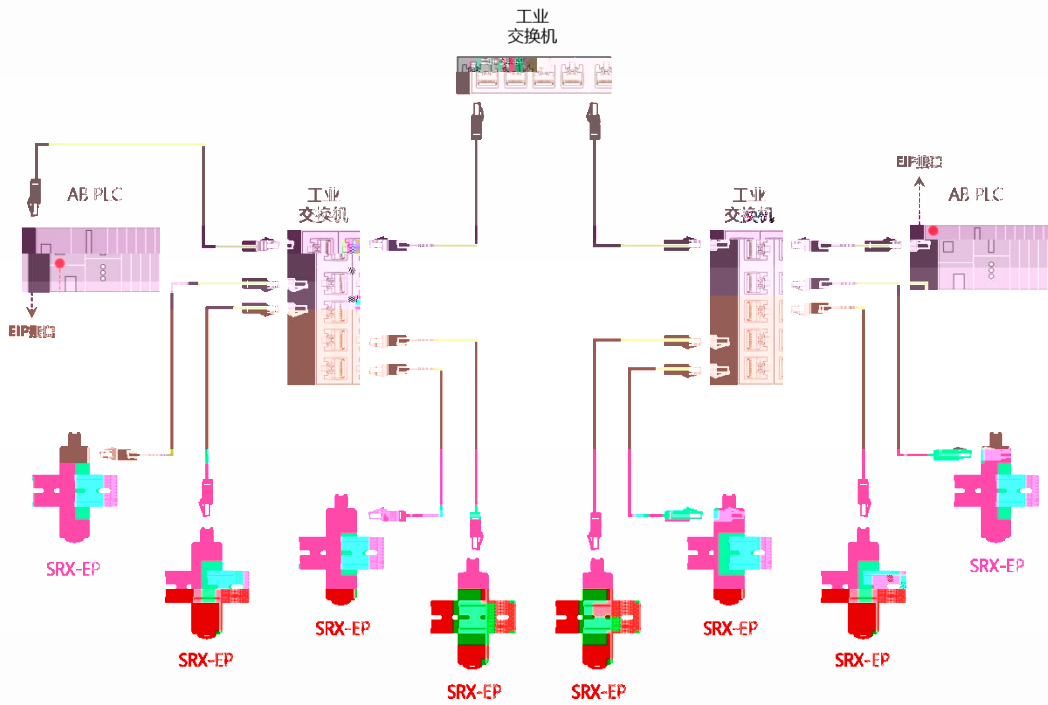
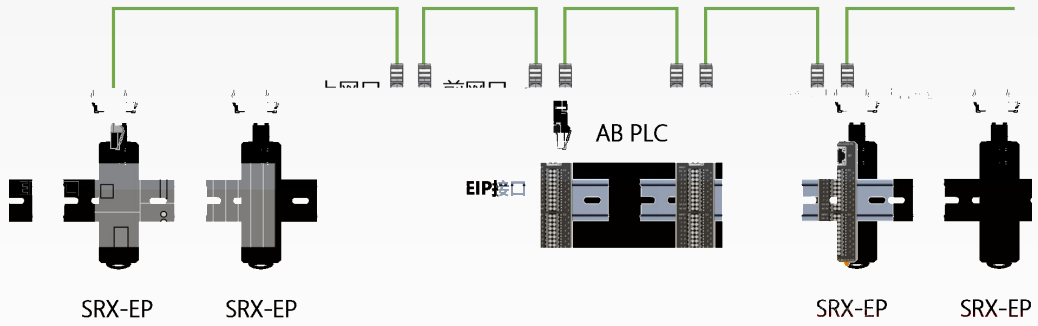
0-20mA
4-20mA

1			
1			3
1			3
2			4
2		V4	
2		GND4	
		NC	
		PE	
		L	

EtherNet/IP Ethernet EtherNet/IP "IP"
 /
 EtherNet/IP Ethernet

 TCP/IP
 TCP =
 IP =
 EtherNet/IP TCP/IP
 EtherNet/IP CIP TCP IP
 EtherNet/IP
 ODVA Ethernet/IP CIPTM
 , CIP





SRX-EP DI/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 bits0-7	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 bits0-7	7	6	5	4	3	2	1	0
	DO Error_Mode bits	-		0-255	DQ0x	Bit0	DQ-00	bit "1"
				0	"Error Value[7..0]"	bit	"Error Mode"	DQ0x
	DO Error_Value bits	-		0-255	"Error Mode[7..0]"		bit	
				0	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				

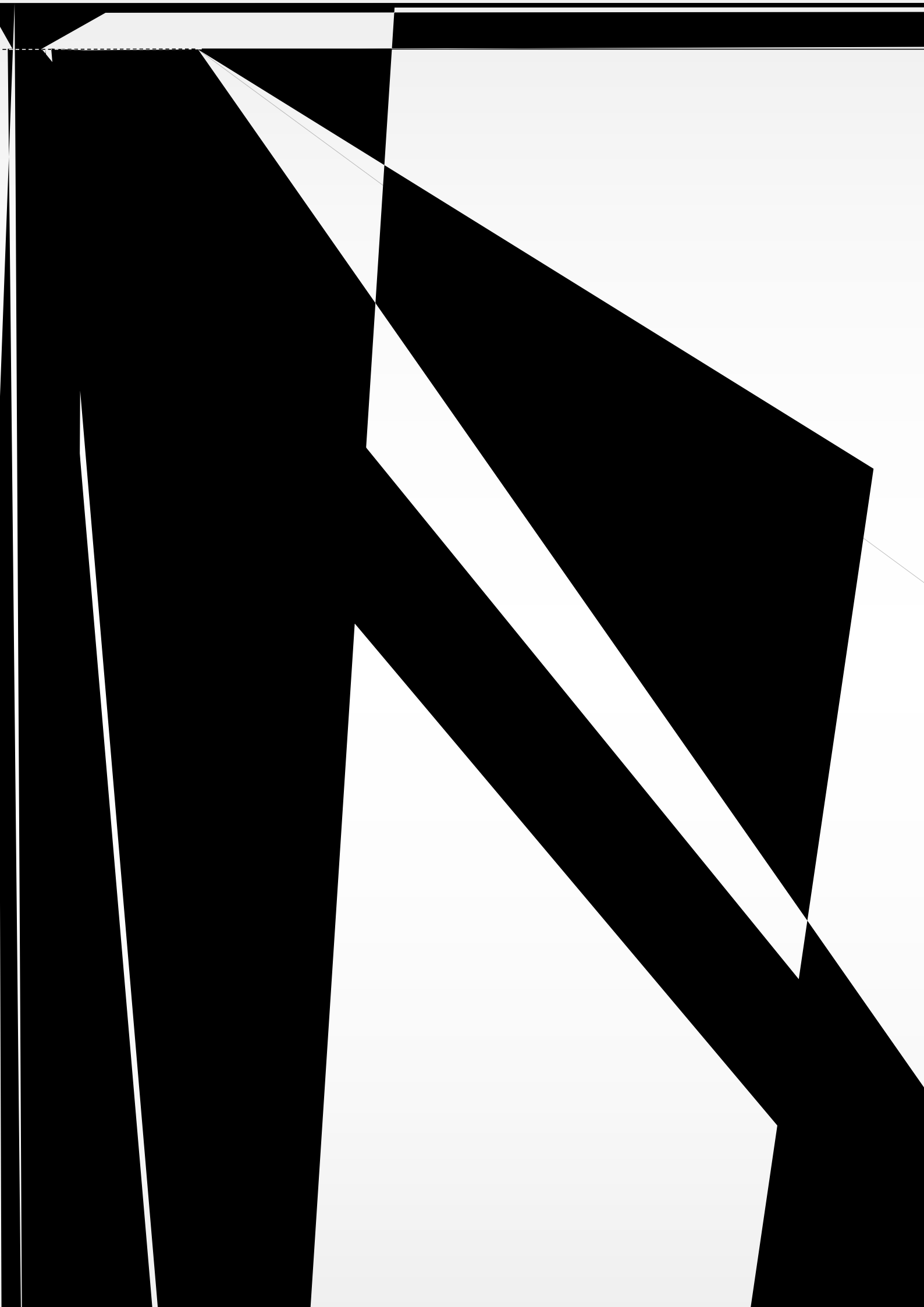
BIT No	BIT 7	BIT 6	BIT 5	BIT 4	BIT 3	BIT 2	BIT 1	BIT 0
BYTE 0	DO Error_Mode	DO Error_Mode	DO Error_Mode	DO Error_Mode	DO Error_Mode	DO Error_Mode	DO Error_Mode	DO Error_Mode
DO Error_Mode bits 0-7	For 7	For 6	For 5	For 4	For 3	For 2	For 1	For 0
BYTE 1	DO Error Value For	DO Error Value For	DO Error Value 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	DQ0.x bit
				0	DQ0.x Bit0 DQ-0.0 "Error Mode" bit "1" "Error Value[7..0]" bit DQ0.x
	DO Error_Value bits	-		0-255	"Error Mode[7..0]" bit
				0	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
BYTE 2	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 8-15	For 15	For 14	For 13	For 12	For 11	For 10	For 9	For 8
BYTE 3	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 8-15	15	14	13	12	11	10	9	8
:	16-31							

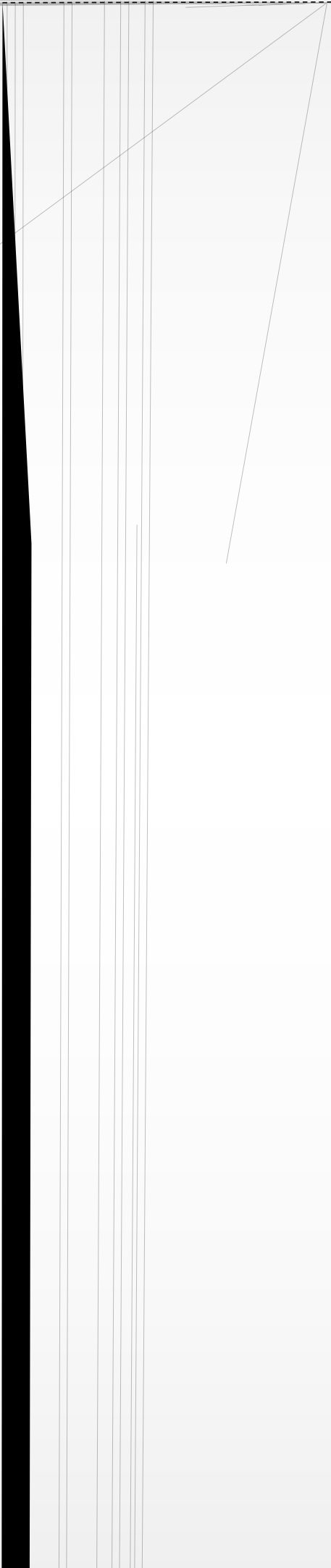
				0-255	DQ0.x	Bit0	DQ-0.0	bit
	DO Error_Mode bits	-		0	"1" DQ0.x	"Error Value[7..0]"	"Error Mode" bit	bit
				0-255	"Error Mode[7..0]"			bit
	DO Error_Valu e bits	-		0	DQ			



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	

Q



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			Zero_valueFor CH1					
BYTE 5			Zero_valueFor CH1					
BYTE 6			Zero_valueFor CH1					
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			Full value For CH2					
BYTE 12			Zero_valueFor CH2					
BYTE 13			Zero_valueFor CH2					

...

BIT

BYTE

BYTE 8

BYTE

IE

BYTE

EE

CHJ

EEI

e

И

GL

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



PLC SRX-EP

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