

RG-S2930

V1.03

2022-06-29

copyright © 2022

copyright © 2022



-
-
-
-
-
-
-
-
-
-
-
-

<http://www.ruijie.com.cn>

<http://www.ruijie.com.cn/fw/>

7*24h

<http://ocs.ruijie.com.cn>

7*24h

4008-111-000

<http://www.ruijie.com.cn/special/fw/tool/xryf/>

4008111000@ruijie.com.cn

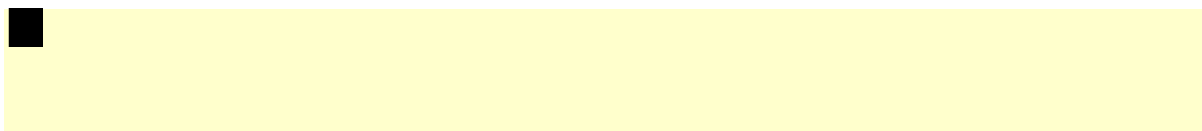
doc@ruijie.com.cn



APP



1.









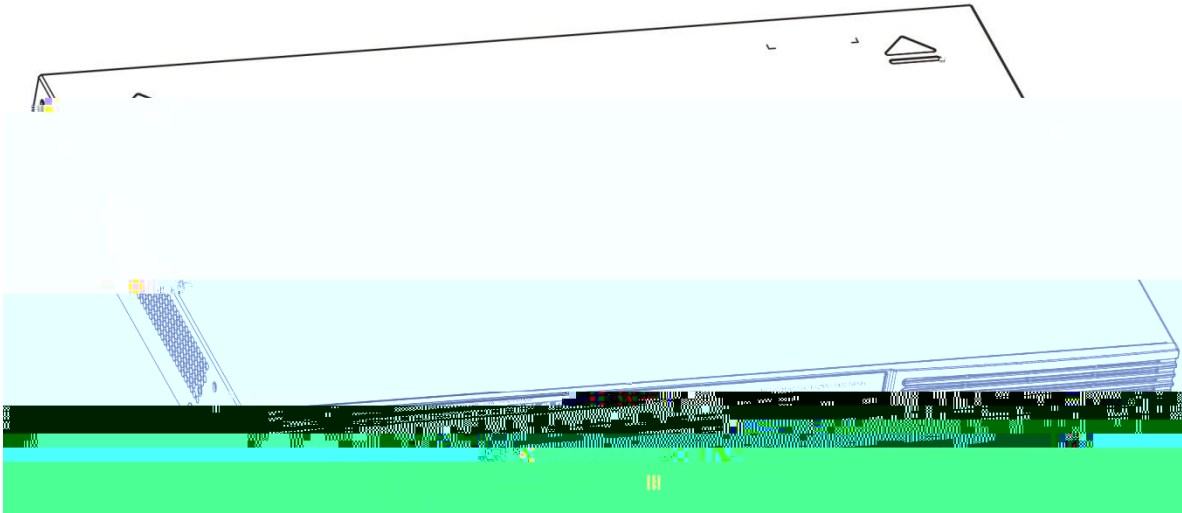


2.

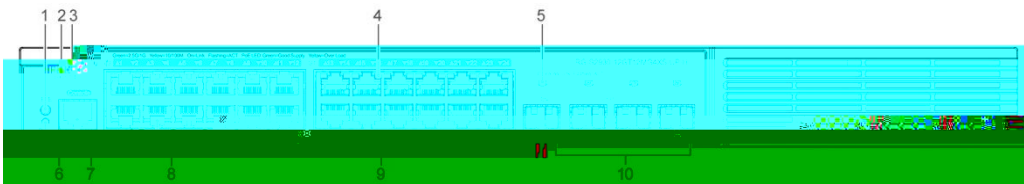
	<ul style="list-style-type: none"> ■ AC <ul style="list-style-type: none"> 100-240V~ 90-264V~ 50/60Hz 6.8A ■ HVDC <ul style="list-style-type: none"> 192-290VDC 3.5-2.5A ■ <ul style="list-style-type: none"> 0.5mA 																		
EEE																			
POE	<table border="0" style="width: 100%;"> <tr> <td>RJ45</td> <td>POE</td> <td>1-8</td> <td>60W</td> <td>POE</td> </tr> <tr> <td>16</td> <td>9-24</td> <td>30W</td> <td>POE</td> <td></td> </tr> <tr> <td>PoE/PoE+</td> <td></td> <td>370W</td> <td></td> <td></td> </tr> </table> <hr/> <table border="0" style="width: 100%;"> <tr> <td> POE</td> <td>POE</td> <td>POE</td> </tr> </table> <hr/>	RJ45	POE	1-8	60W	POE	16	9-24	30W	POE		PoE/PoE+		370W			POE	POE	POE
RJ45	POE	1-8	60W	POE															
16	9-24	30W	POE																
PoE/PoE+		370W																	
POE	POE	POE																	
	<table border="0" style="width: 100%;"> <tr> <td>POE</td> <td><50W</td> </tr> <tr> <td>PoE</td> <td><430W</td> </tr> </table>	POE	<50W	PoE	<430W														
POE	<50W																		
PoE	<430W																		
	0°C 50°C																		
	-40°C 70°C																		
	10% 90% RH																		
	5% 95% RH																		
EMC	GB/T 9254.1-2021																		
	GB 4943.1-2011																		
x x mm	440 *260*44																		
kg	6.26																		

RG-S2930-12GT12MG4XS-UP-H A

RG-S2930-12GT12MG4XS-UP-H		12	100/1000/2.5GBase-T	12
10/100/1000Base-T	4 SFP+	1	Console	
1-1RG-S2930-12GT12MG4XS-UP-H				



1-2RG-S2930-12GT12MG4XS-UP-H



1	POE	6
2		7 Console
3	POE	8 100/1000/2.5GBase-T
4		9 10/100/1000Base-T
5		10. SFP+

PoE	POE	2
-----	-----	---

1-3RG-S2930-12GT12MG4XS-UP-H



1

RG-S2930-12GT12MG4XS-UP-H

AC

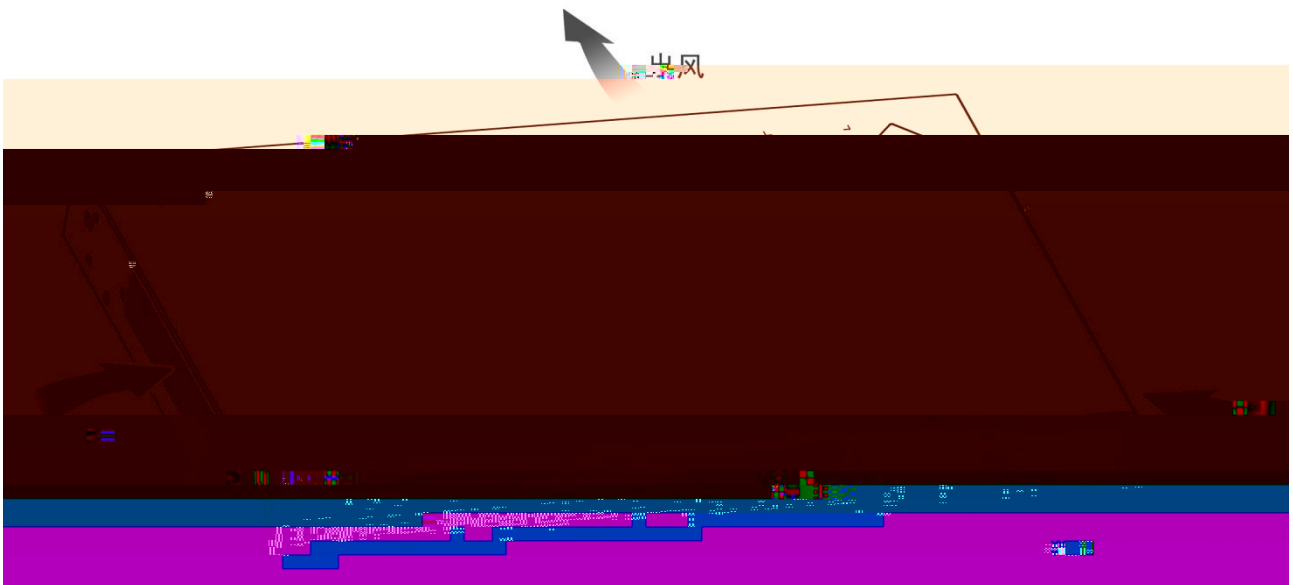
- 100-240V~
- 90-264V~
- 50/60Hz
- 6.8A
- 10A
- HVDC
- 192-290VDC
- 3.5-2.5A

RG-S2930-12GT12MG4XS-UP-H

10cm

3

1-4RG-S2930-12GT12MG4XS-UP-H



2

2.1



RG-S2930



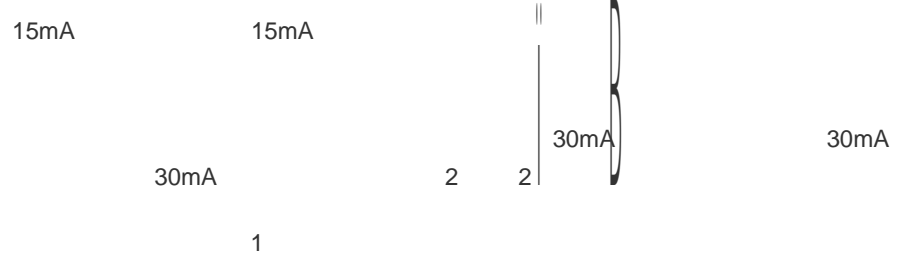
2.1.1



„

Ůa





2.1.4

- PE
-
-

2.1.5

RG-S2930

- I
-

2.2.2

RG-S2930

-
-
-

2.2.5

RG-S2930

0.75 18AWG

3

0.75

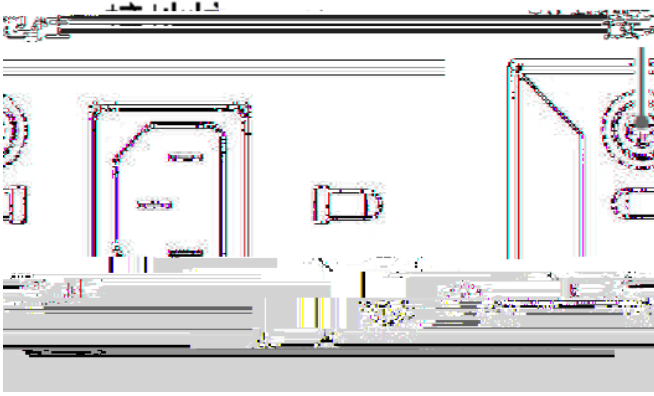
18AWG

1 RG-S2930

1

2-1

2-1RG-S2930



2.2.6

RG-S2930



2.2.7 EMI

EMI

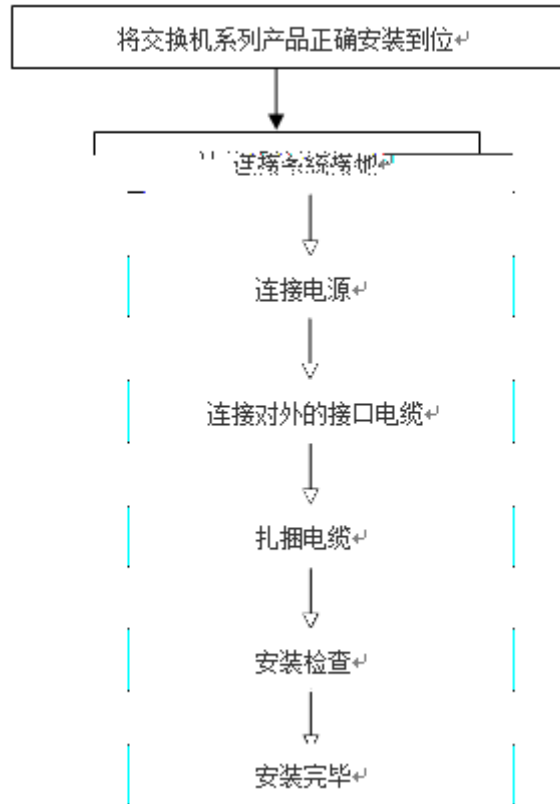
-
-
-
-

2.3

3



3.1



3.2

-
-
-
-

3.3 RG-S2930

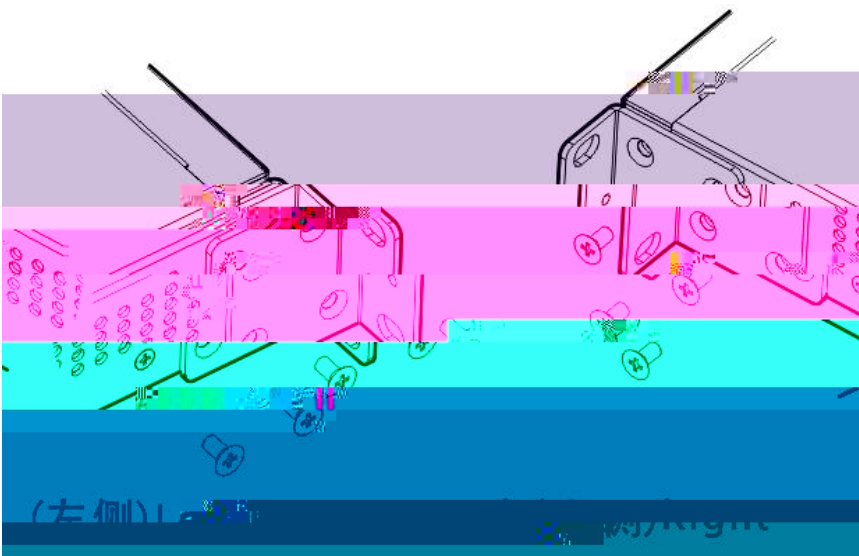
-
-
- RG-S2930
- 10
- RG-S2930

3.3.1

RG-S2930 EIA 19

3-1

3-1

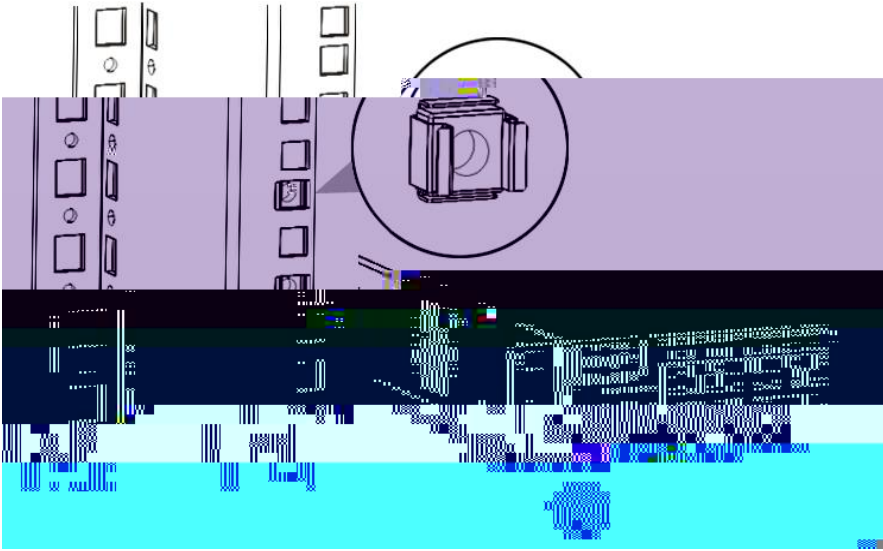


3-2

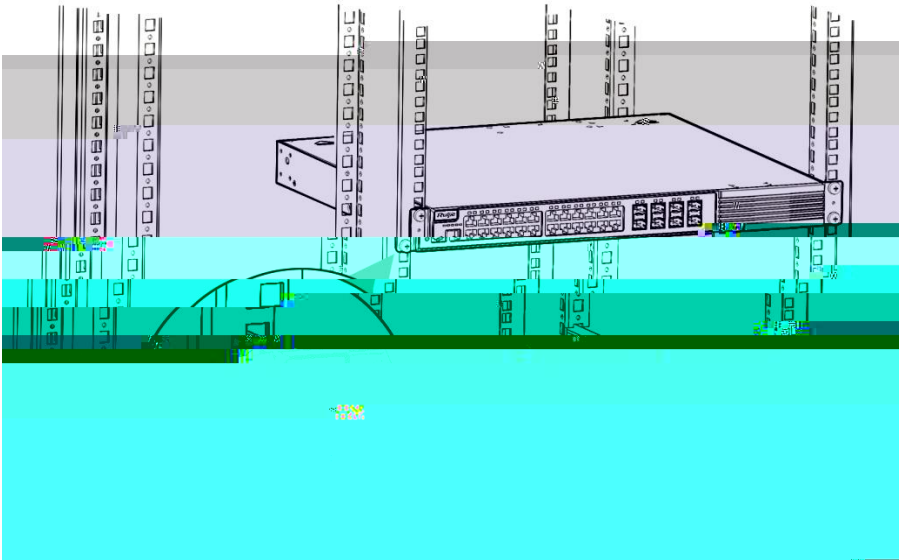
M6

3-3

3-2



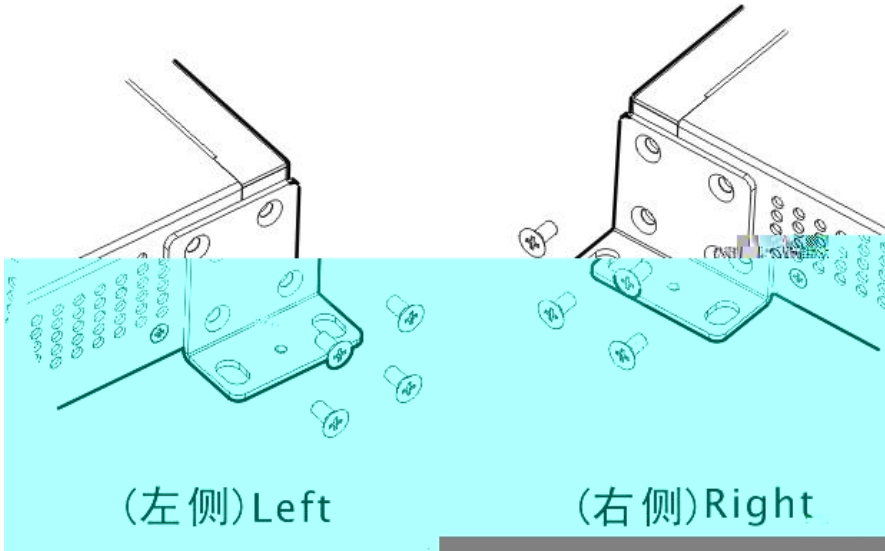
3-3



3.3.2

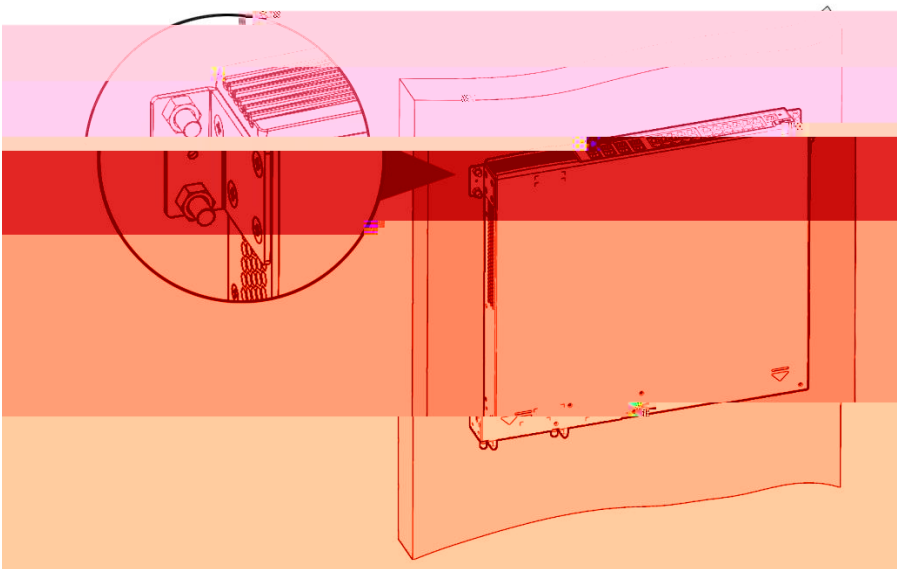
RG-S2930

3-4



3-5

3-5



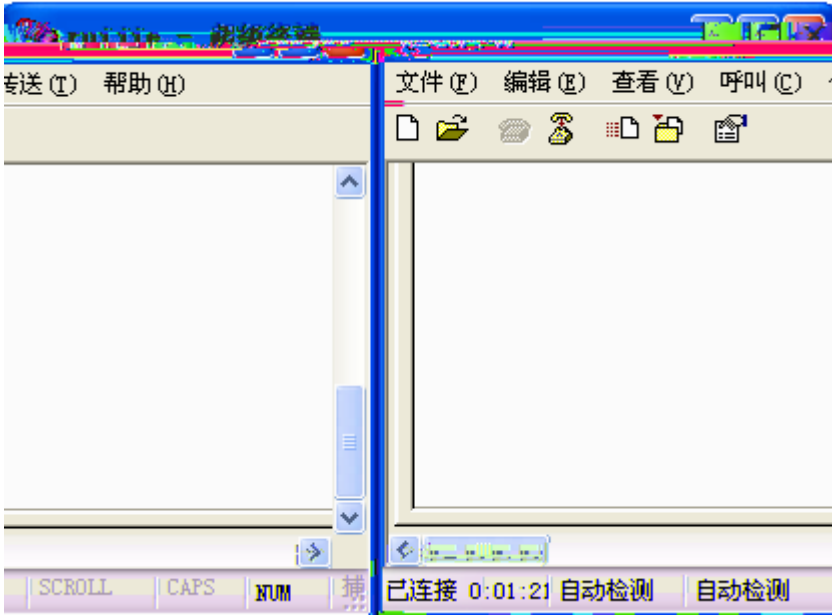
3.3.3

19

4

3-6

3-6



4.2

-
-
-
- PC console

-
-
-
-
-

5

5.1

5.2

status		

A

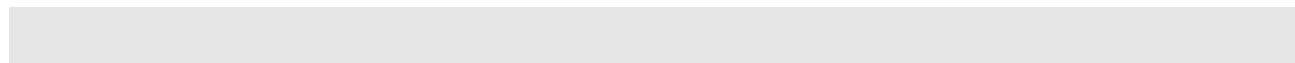
1000BASE-T/100BASE-TX/10BASE-T

1000BASE-T/100BASE-TX/10BASE-T

MDI/MDIX Crossover

1000BASE-T	IEEE 802.3ab		100-ohm 5	5	UTP	STP
	STP	100				

1000BASE



SwitchSwitch		Switch	Switch
1 IRD +	1 OTD +	1 IRD +	1 OTD +
2 IRD -	2 OTD -	2 IRD -	2 OTD -
3 OTD +	3 IRD +	3 OTD +	3 IRD +
6 OTD -	6 IRD -	6 OTD -	6 IRD +

1000BASE-T/100BASE-TX

1000BASE-T/100BASE-TX

MDI/MDIX Crossover

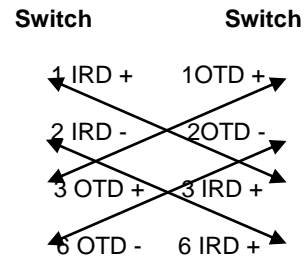
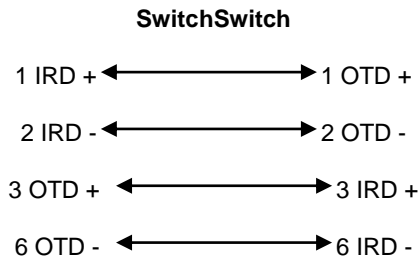
1000BASE-T IEEE 802.3ab

3	Output Transmit Data+	Input Receive Data+
6	Output Transmit Data-	Input Receive Data-
4 5 7 8	Not Used	Not Used

100BASE-TX/10BASE-T

A-3

A-3 100BASE-TX/10BASE-T



2.5GBASE-T/1000BASE-T/100BASE-TX

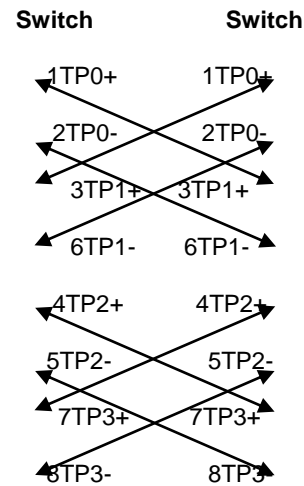
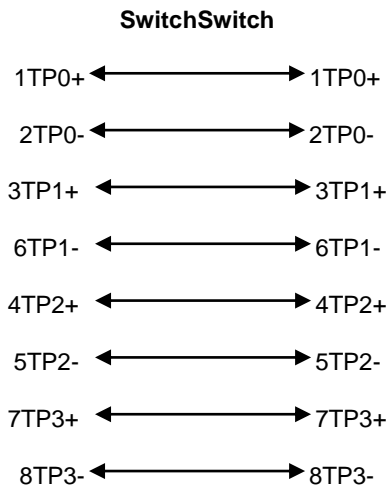
2.5GBASE-T/1000BASE-T/100BASE-TX

MDI/MDIX Crossover

2.5GBASE-T	IEEE 802.3bz	100	100-ohm	5	UTP	STP
1000BASE-T	IEEE 802.3ab	100	100-ohm	5	UTP	STP
2.5GBASE-T/1000BASE-T		4		4	2.5GBASE-T/1000BASE-T	

A-1

A-1 2.5GBASE-T/1000BASE-T



B Mini-GBIC SFP+

— Mini-GBIC-GT ()

SFP Mini-GBIC SFP+ SFP —

SFP SFP+

B-1 Mini-GBIC SFP

	(nm)	DDM (Yes/No)	(dBm)		(dBm)	
			min	max	min	max
MINI-GBIC-SX-MM850	850	No	-9.5	-3	-17	0
MINI-GBIC-LX-SM1310	1310	No	-9.5	-3	-20	-3
GE-SFP-SX	850	No	-9.5	-3	-17	0
GE-SFP-LX	1310	No	-9.5	-3	-20	-3
GE-SFP-SX-SM1550-BIDI	1550TX/13 10RX	No	-10			

B-5 SFP+

	(nm)	DDM (Yes/No)	dbm		dbm	
XG-SFP-SR-MM850	850	Yes	-5	-1	-7.5	0.5
XG-SFP-SR-SM1270-BIDI	1270	No	-3	4	-9	0.5
XG-SFP-SR-SM1330-BIDI	1270	No	-3	4	-9	0.5
XG-SFP-LR-SM1270-BIDI	1270	No	-6.5	0.5	-14.4	0.5
XG-SFP-LR-SM1330-BIDI	1330	No	-6.5	0.5	-14.4	0.5
XG-SFP-LR-SM1310	1310	Yes	-8.2	0.5	-14.4	0.5
XG-SFP-ER-SM1550	1550	Yes	-4.7	4	-11.3	-1
XG-SFP-ZR-SM1550	1550	Yes	0	4	-24	-7
XS-SFP-SR	850	Yes	-5	-1	-7.5	0.5
XS-SFP-LR	1310	Yes	-8.2	0.5	-10.3	0.5

B-6 SFP+

			(um)	(MHz· km)	
XG-SFP-SR-MM850	LC		62.5 /125	200(OM1) 160	33m 26m
			50/125	2000(OM3) 500(OM2) 400(OM1)	300m 82m 66m
XG-SFP-SR-SM1270-BIDI	LC		50/125	2000(OM3)	300m
XG-SFP-SR-SM1330-BIDI	LC		50/125	2000(OM3)	300m
XG-SFP-LR-SM1270-BIDI	LC		9/125	N/A	10km
XG-SFP-LR-SM1330-BIDI	LC		9/125	N/A	10km
XG-SFP-LR-SM1310	LC		9/125	N/A	10km
XG-SFP-ER-SM1550	LC		9/125	N/A	40km
XG-SFP-ZR-SM1550	LC		9/125	N/A	80km
XS-SFP-SR	LC		62.5 /125	200(OM1) 160	33m 26m
			50/125	2000(OM3) 500(OM2) 400(OM1)	300m 82m 66m
XS-SFP-LR	LC		9/125	N/A	10km



XG-SFP-ER-SM1550 XG-SFP-ZR-SM1550

-1dBm

-1dBm

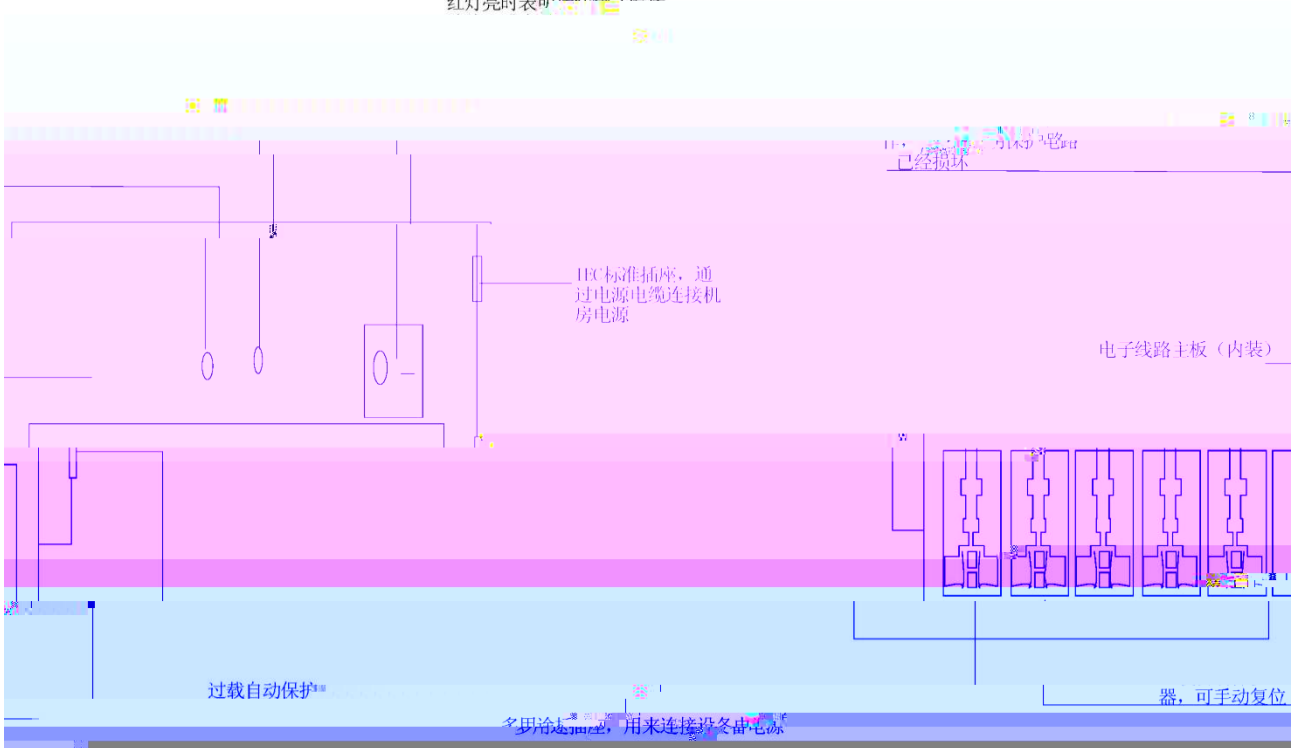




C

C-1

接地、极性检测指示灯：该
红灯亮时表明



-
-
-

PE

PE

PE

1)

2)

3)

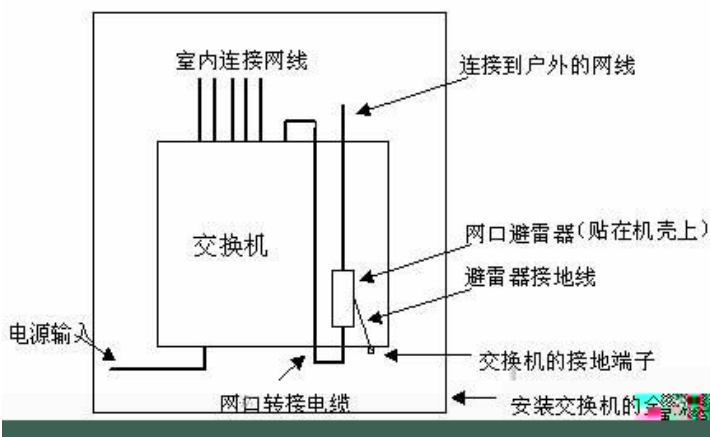
4)

OUT

IN

5)

C-2



10/100M

RJ-45



■

“IN”

“OUT”

■

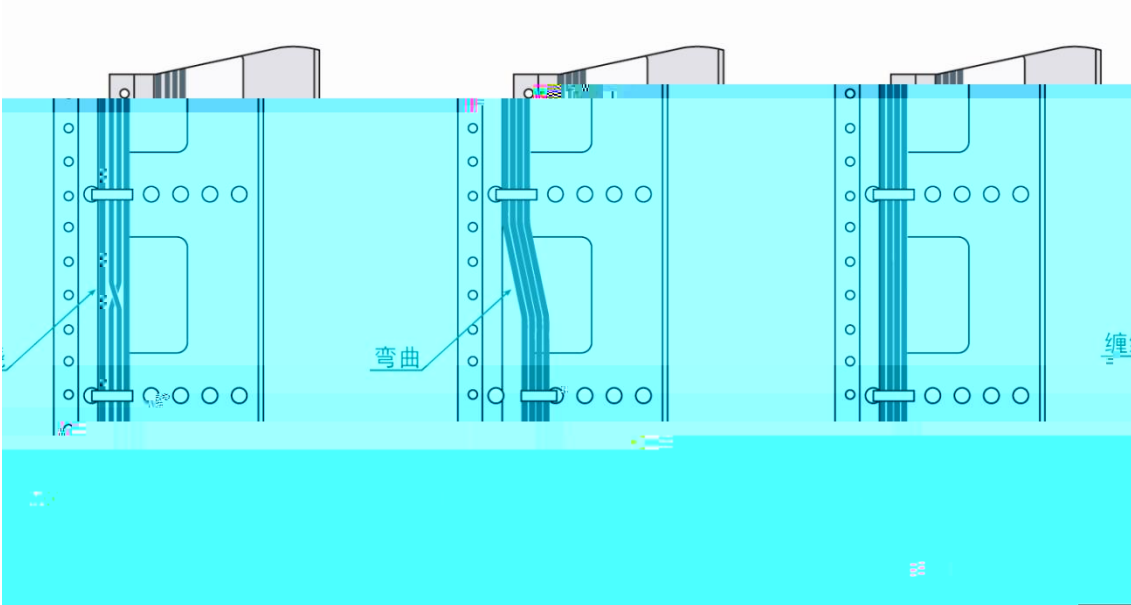
■

D

RG-S2930

19

#



■

30mm

■

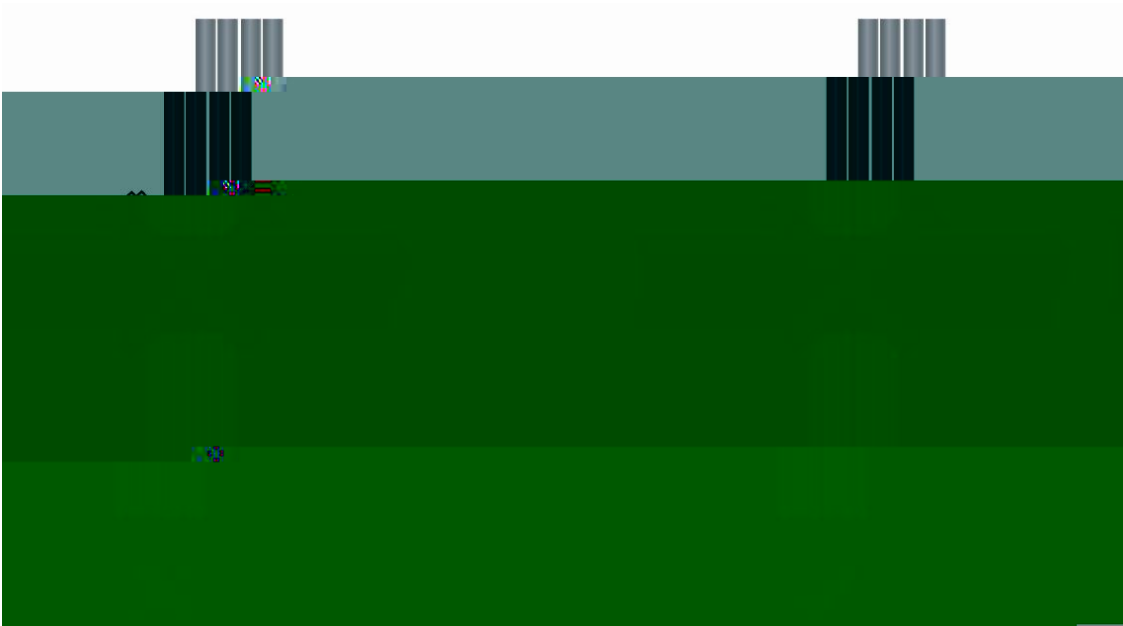
■

■

■

D-2

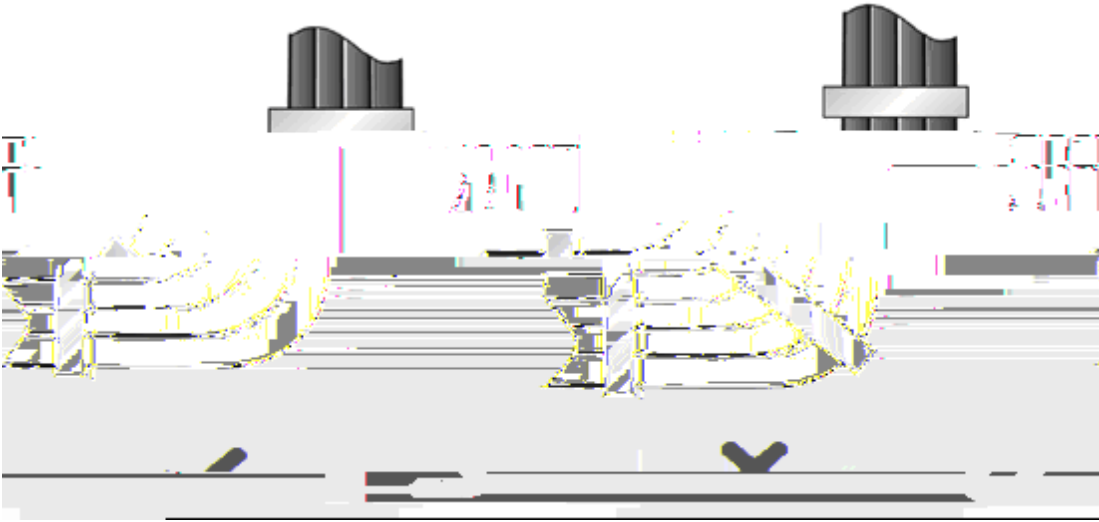
D-2



■

D-3

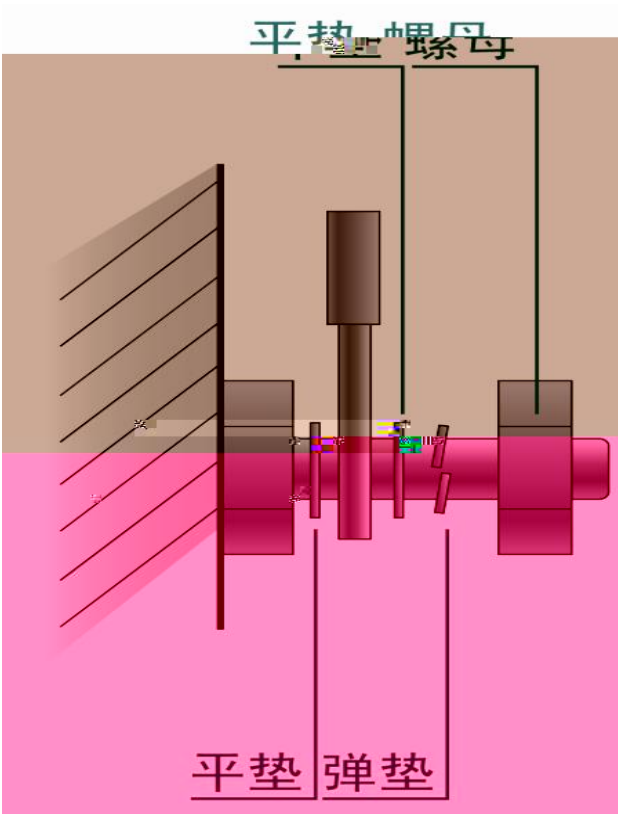
D-3



-
-
-
-

D-4

D-4





E

- 3.7km 5km 2km
- 3.7km
-
-
-
-
-
-
- 600mm
-
-
-
-
-