

RG-AP730-I

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V1.5

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2023-11-13

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z iHð <https://www.ruijie.com.cn>

z iHð <https://www.ruijie.com.cn/fw/>

z iHð 7*24hðUy <https://ocs.ruijie.com.cn>

z iHð 7*24hð 4008-111-000

z iHð 4i:ð <https://www.ruijie.com.cn/special/fw/tool/xryf/>

z iHð Fð ÿ 4008111000@ruijie.com.cn

z iHð 4Fð doc@ruijie.com.cn



iH ð



iHð



4i:ð APP

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1. ð



ðPM- ož-ð k ðw4y6ð k kðk-è
Kð ož•içĩñ it...@¥p

2. ý

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1 cр

RG-AP730-I_K@55MA	94NÁ_1	802.11ac Wave2, 40	AP45-X94NÁ_
D 5G EQ 1.73Gbps, (60)È	2.4G EQ 400Mbps, (60)È		2.13Gbps, (60)È
CpuEO4AU7-10j+N,			

RG-AP730-I ,94NÁ 1 2.4G+5G+5G ,G5Q? 1E 802.11ac Wave2 802.11ac Wave1 ¼ 802.11n
QÄ× 104N 5Äy4/5Ä RG-AP730-I × 1E +e>F0;
ZÄE QÄE)B>W9 Ä

1.1 RG-AP730-I Pá

4G	2.4G 5G	2h 2MIMO 2h 2MU-MIMO
PE	17 ?	802.11ac Wave2 802.11a/b/g/n
5G	1	2.4G+5G+5G
5G	802.11b/g/n 802.11a/n/ac	2.4G ~ 2.4835GHz 5.150 5.350GHz 5.47 5.725 5.725 5.850GHz
4G	7- 4	
0L	4 2 6 0L	
PE	2.4G 400Mbps 2.13Gbps	5G 1.73Gbps
B3f	OFDM DSSS MIMO-OFDM BT	

4N~~9~~

7 7/8	; Console
8 1DA7AK1	< LAN2 5•
9 USB 0	= LAN1/PoE 5•
: Reset 9K^	> 48V -5A

1.3 RG-AP730-I CB

7 0

LN	7	(a
ü	AP 7-e /f (aEEÄ	&
3Hz	AP 3+5MEE0; uboot	5/8t
ü	AP 3+5MEE0k0z	5/8p
3Hz	AP 3+5MEE0ZG- Link down	48t
ü	AP 3+5MEE0 00 CAPWAP	8p
3Hz	AP 3, V Q00-e	8t
ü	AP hE CAPWAP (aE+Xg0	hp
3Hz	AP hE CAPWAP (aE+Xg0	8t
3Hz	AP EX0E AP	48t
K^	.9% 2S	A7Gý
	K9W3/4 3S	A5ž

7 Q0

LN	7	(a
ü	AP 7-e /f (aEEÄ	&
3Hz	AP 3+5MEE0; uboot	5/8t
ü	AP 3+5MEE0k0z	5/8p
3Hz	AP 3+5MEE0ZG- Link down	48t
ü	AP hE+Xg0	hp
3Hz	AP hE+Xg0	8t

K^	.9% 2S	A7Gý
	K9W¼ 3S	A5ž

Hz ǒ 1 0ǒ	3Hz ǒ 1 0 3 W
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RG-AP730-I ,+eS+X DC -#65 PoE+EĀ

a ^ PoE+K, M63 561%? 802.3at K73Ñ

bCă

RG-AP730-I G+XNpAAÑ

15 12-00,0°	L*Ā° 3WFP>
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2 G

2.1

RG-AP730-I 3+G4

RG-AP730-I 3+G4

RG-AP730-I 3+G4

2.2 G

„ Q (6+e. M10+c,e+ VÉ

2.5 GE-

RG-AP730-I jŃ FXAA7 hEX/EpŃ%CSÄ

2.5.1 GL-

„ mG*ŃŃ,ŃŃ1L,)Ń:ŃŃFŃŃ+5Ä

„ .ŃŃŃŃ(*Ń-OÁ RG

3 C

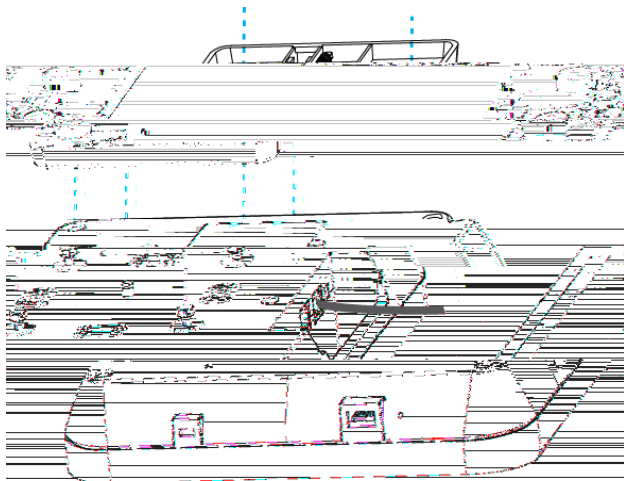
RG-AP730-I 3+G AP 33 jŸ P*EXÄ

B-A54ÜB11bÄ1bÄF5f%Ce

3.1 G

3.2 G

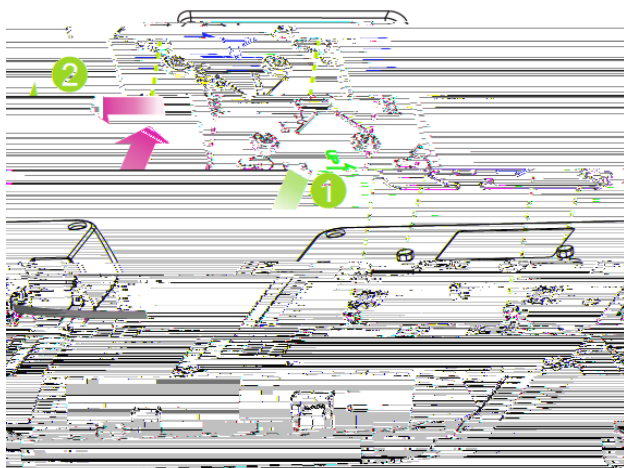
RG-AP730-I >PA7,>5A67C41lyF>PA6B:Ä



a 08P--2545

3) 1p2æ0, 1A6kj0WÄ

. 3-3 6 AP 2æ



a RG-AP730-I, 8e7qG, 2æ0+0i, m%054040SG, >â

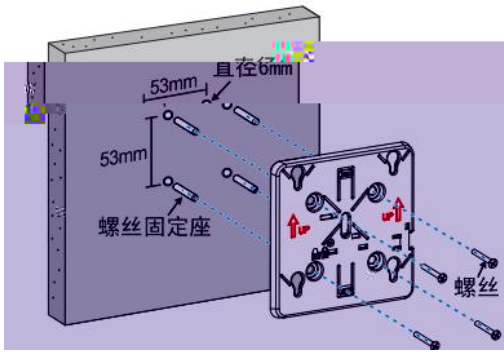
a 2015/8@, 2015%0B-5#0-080M

a 2015-40e>0F 3FVFqD:s>

„ 0>0

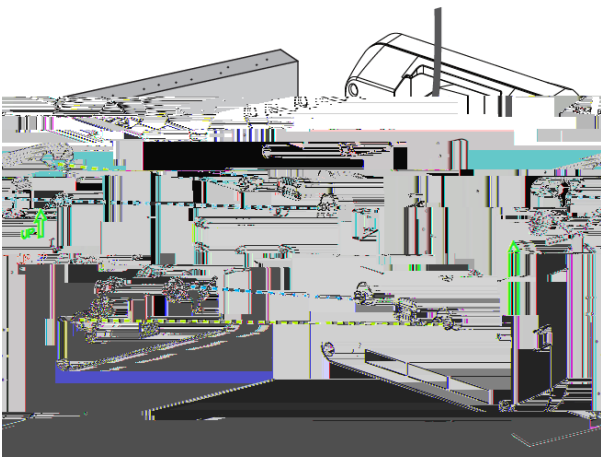
1) X0 4 2S 6mm, 1æ0/0 53mm 2æ0M: 2æ0M*
E>E X016620E Ä

. 3-4 20>0



2) 6kj6ü,2)0æ

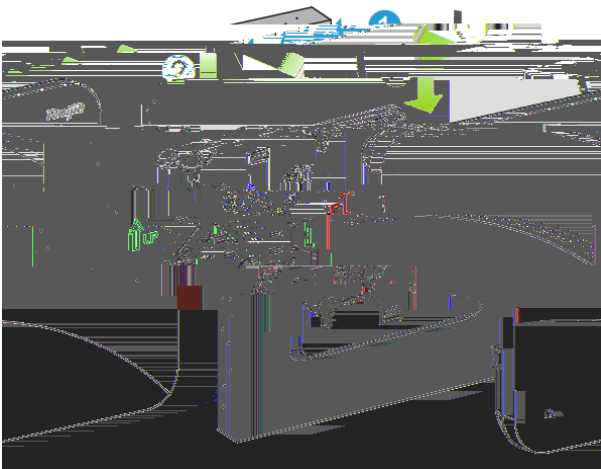
. 3-5 6 AP)0æ



a 08ß--ç6#5

3) Ƴp2E1ü0A6kj2Ƴ 0WÄ

. 3-6 6 AP 2æ



a 8ç0M67p Ruijie logo S@>

a ç0M67p,1GGA%0B-5#5>080

a 20B-40e>aj 3FVFqD:s>

3.5 GT6

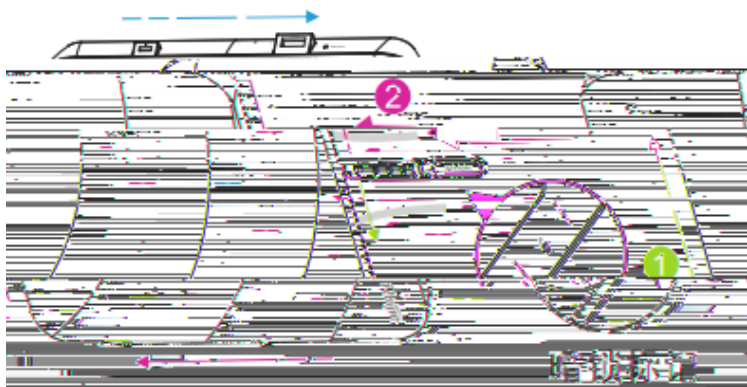
1) 02aMEXLb-K1Ä

. 3-7 +X61



2) 6kj6ü,2)0äp 2a1üA3WÄ

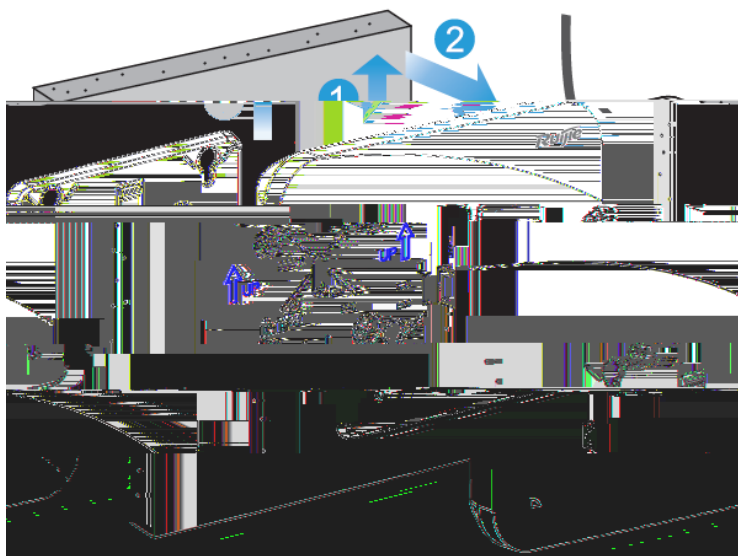
. 3-8 6 AP



2) $\frac{d}{dt} \left(\frac{1}{2} m v^2 + X_{kjT} \times \frac{1}{2} p_5^2 \right)$

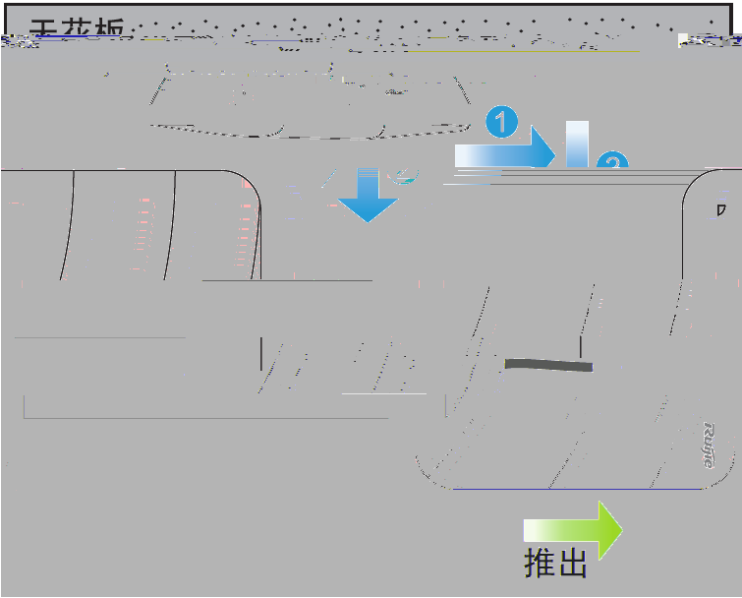
Ä

. 3-10 6 AP ö



3) $\frac{1}{2} \ln \frac{1}{2} + X(k) T \times \frac{1}{2} \ln \frac{1}{2} \cdot \frac{1}{2}$

3-11 6 AP ö



3.7

±

BX64	AP, LAN1/PoE	AP 1,54F0t...	ÄÄ
a	Console 9600=	8WP	1#H
a	EPE()		
a	RG-AP730-I C0A6yB254CÄ		RG-AP730-I,546G

3.8

•

- „ v~+e37e568%
- „ v~644,64481FW)(1Ä
- „ v~64E~,2W2456856+X/PEÄ7-Ä

× ±

- 1) 654i6C8888 LAN1/PoE 1Ä
- 2) 654i6264i-Ä
- 3) 64v~ÄWCdkjÄG1C -Ä

3.9

4

4.1

FE÷ DC F65 PoE+ĖĖ AP :+eÄ

@Ė

„ FE÷ DC F65 PoE+ĖĖ AP F>ĖĖFĖ0.ÄĖĖ8ĖV 8ĖÄ

„ FE546+eĖĖ AP > AC -(FÄ

„ FE÷ PC > AP bĖB3BĖM0# PC ¼ PoE ĖM08

4.2

Ė

„ +eĖĖÄ

„ ĖĖ+eĖ> AP 208Ä

ĖĖd

ĖĖMG5ĖĖ

„ AP :+eĖĖ AC 1G5ĖMV9

„ AP ,7/ĖhÄ

4.3

XĖ USB Ö ‚ × Ė 9 Reset 9Jp } ¼ Ç „ Ė X-\$ ‚ ? ¼ 1mm ‚ Jñ • Ç „ Ė0=+X Ė 9 » Ė \` Ä > Ė
1 5S # ‚ &L\$ > ® 0 Ė Ė ĭà 3+5 ‚ ‚ = *²Aĭ5ž Ä

5.1 6x

Ce

X RG-AP730-I 47>1E XGFEE73 (1A

CLWW

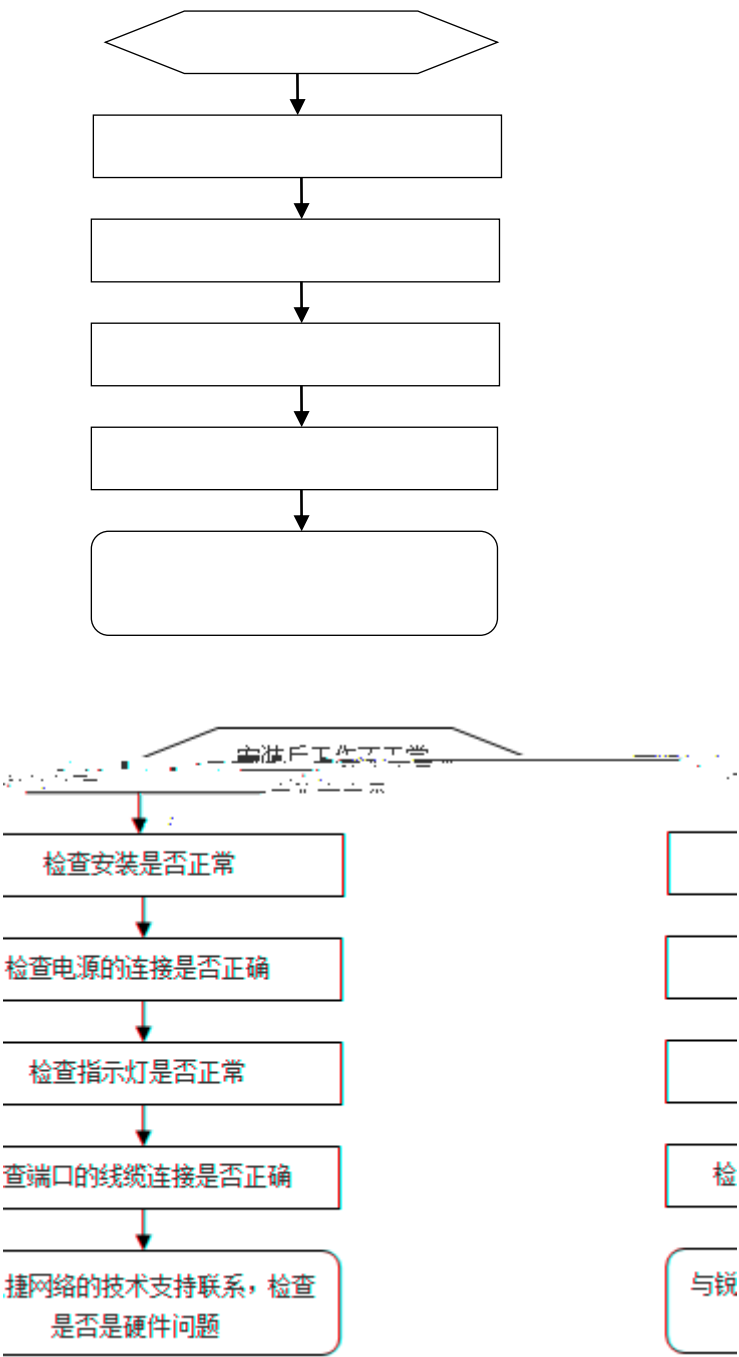
RG-AP730-I 1FEE050

AC 1F>1F 3+51 G55A

RG-AP 30

6 G

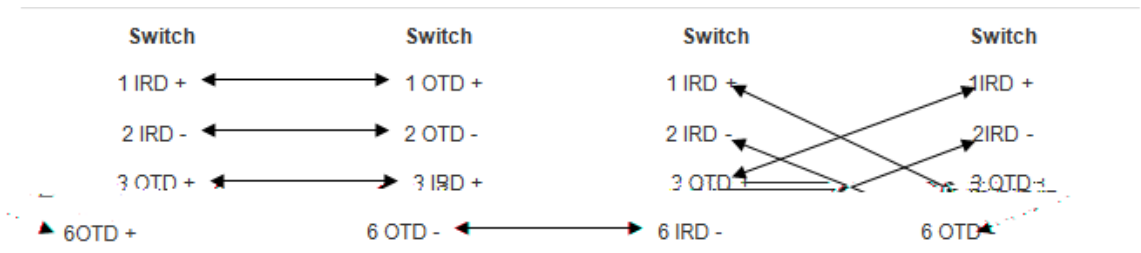
6.1 G



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

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

1000BASE-T/100BASE-TX/10BASE-T 19/10/100Mbps	È 1XF9/100Mbps	MDI/MDIX Crossover
1000BASE-T 1V8 IEEE 802.3ab		





GŁ

f RG-AP730-I > 456FEC4v-j,544p,ŁuĈC4FC4p9EĈ
,4560B*6nXj,ĈA-nXjFGĈ>ĈAĈĈC4ĈĈLĈ
-ĈjĈĈĈM1ay,5ĈF:C4FC4Ĉ

ĈĈ

„ +eĈĈĈĈe562ĈĈe5623n*ĈĈĈĈe56F’ 5 ĈĈ)ĈĈĈĈ2«
+e56ĈĈe56F’ 7 ĈĈ

„ ĈĈĈĈe5623n*ĈĈĈĈe56F’ 7 ĈĈ)ĈĈĈĈ2*ĈĈĈĈe56F’ 10
ĈĈ

„ QFO+e56ĈĈ SFP++e561yĈĈĈĈe56F’ 5 ĈĈĈĈĈĈ2*ĈĈĈĈe56F’ 10
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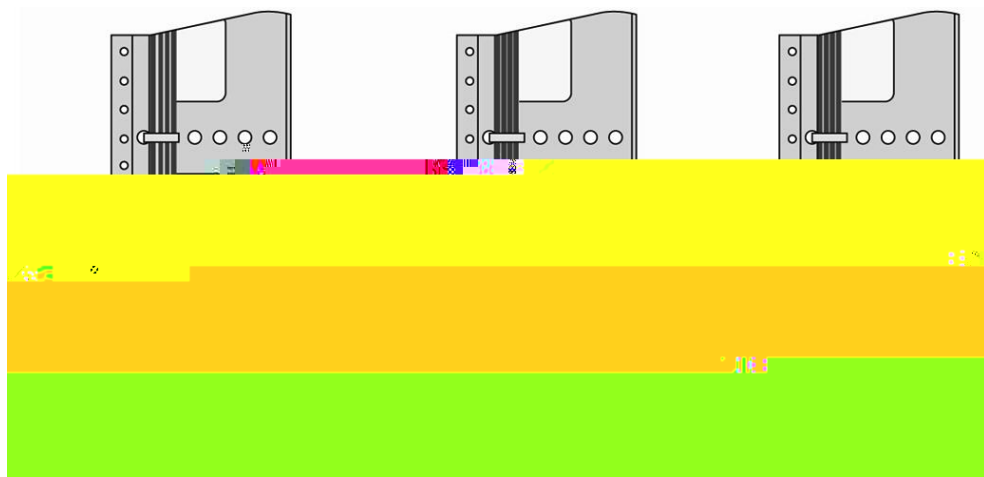
3Ĉ

ĈĈ

„ Xv~456M0ĈĈĈĈĈĈEdX456,F25ĈĈ

„ +e56XjĈĈ~>ĈĈĈĈĈ5P5ĈĈy)ĈĈĈĈ 2 D-1 p/jĈĈ

. D-1 +e56v~/jĈĈĈĈ

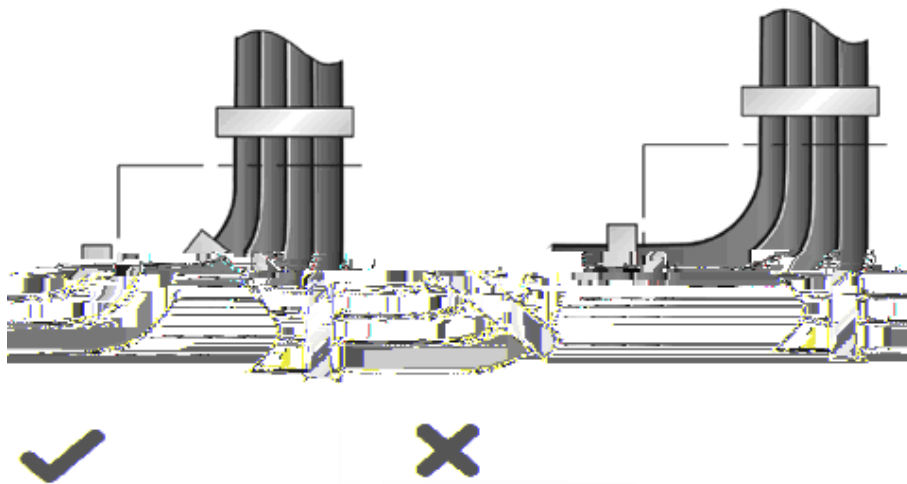


„ 8~MBC1NĈĈ
ĈĈĈĈĈĈĈ(ĈĈ4y)ĈĈĈĈyRĈĈĈĈĈĈ5PĈĈĈĈ

. D-2 +e56w~ /j34

X+e56M0E0X+e56F>F>5-47-5-XjE+e56jk+OEw,Ä
 6Ee5683rÄ D-3 p/jÄ

. D-3 +e56v~/j3A



)%>Gj+e56E65+e56K*,G6E5-XjF4i-,F25A2f
5ZXB3B7F>EP@A7T@P@456T,5A

220V +e₁ -48V +e₂ -XF0&E~Ä

„)E0&eEÜyEG>Ä%0Ez }e56E#QK>ß
5E%+e56@Ä@Ä@EÄy#E56Q\$e56Ä

” +X06+e56F000*00G0b0 D-4 p/jä

. D-4 +e56*~~4~~93.



“ ” iU
“ ” • iU

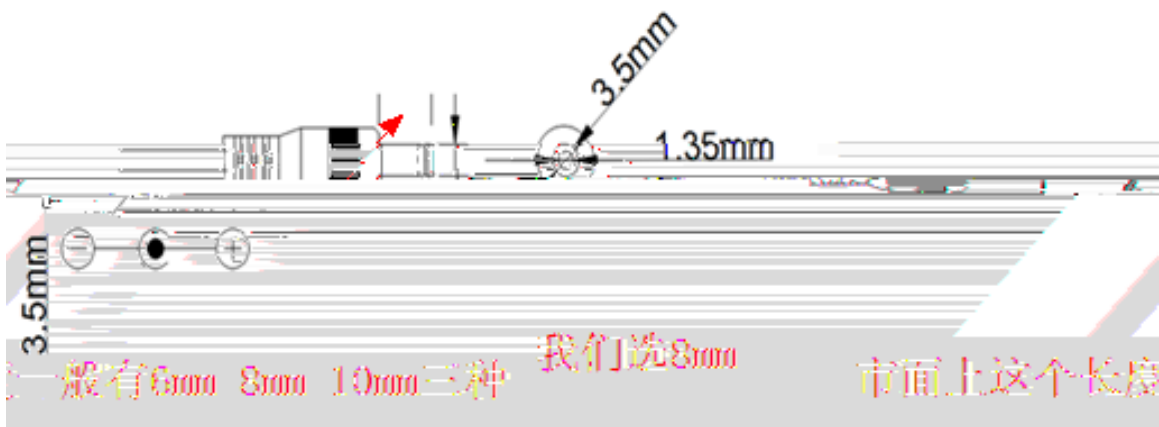
„)E3ce3K10LtF)+e56F>†E3K10re56:x +O3
„ B7+X8k0W*0L3
„ 020AC4†+e33~@+e56Ee56†+e560133
„ 4†5~0†F>†3

+e56•\$ (mm)	5~L0 (mm)
10	80~150

DC / L P

, EDC DC48V 0.6A
 , DC 00

F-\$	F-\$	\$	W
1.35mm	3.5mm	6.4mm	CO



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1	k	1		
2	2æ	1	Z	
3	5X	1	Z	
4	6E	4	Z	
5	q-6M	4	Z	
6	556X\$...	1	P	
7	46	1	P	
8	546E	1	Z	10X k 1