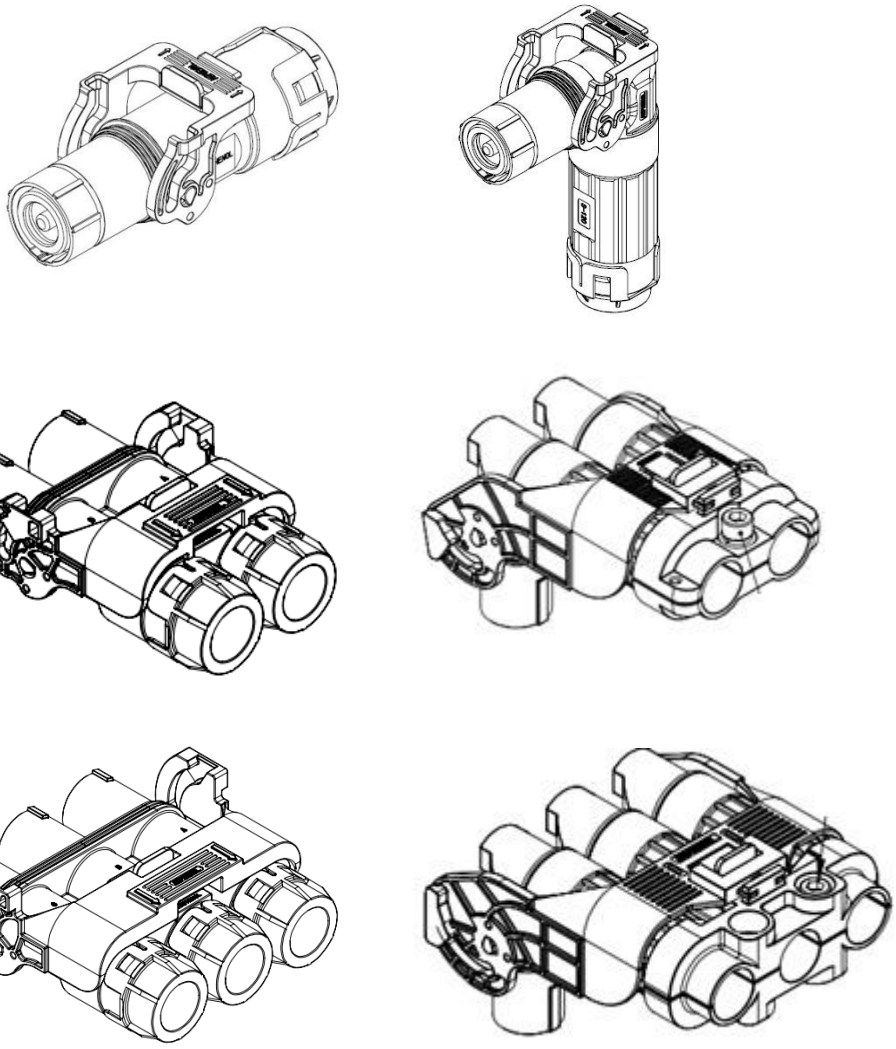
PowerLok G2 使用手册

PowerLok G2 user manual



■ PowerLok G2插座安装说明
PowerLok G2 Receptacle Installation Instructions

1. PowerLok G2 插座安装面板要求
PowerLok G2 Receptacle Install Panel Requirements

a. 面板厚度需依照如下表格
Panel thickness should according to bellow table

产品系列 Series	最大安装面板厚度 Max.Panel Thickness	最小面板安装厚度 Min.Panel Thickness
300A单芯/300A One Pos	11.0mm	2.5mm
300A多芯/300A Multi Pos	10.0mm	2.5mm
500A	15.5mm	2.5mm

b. 面板与插座接之间的垫片应符合要求:
The gasket between panel and receptacle should achieve bellow requirements:

- 表面粗糙度应为Ra3.2或更好
- Surface roughness should be Ra 3.2 or better

- 面板与插座接触区域应该导电
- The area where the panel contacts the receptacle shall be electrically conductive

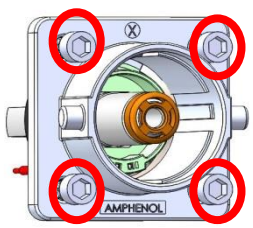
2. PowerLok G2 插座测试要求
PowerLok G2 Receptacle Testing Requirements

禁止直接接触测试
No touching Pin to test

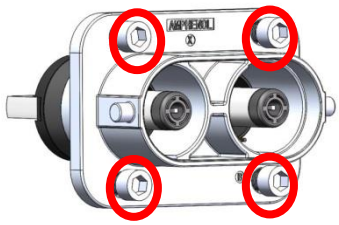
请插上插头进行测试
Please Plug in then Test

3. PowerLok G2 推荐螺纹及扭紧扭矩
PowerLok G2 Recommend Screw and Tightening Torque

螺纹 Thread	推荐螺丝扭紧扭矩 Recommend Tightening
M4	1.6~2.4Nm

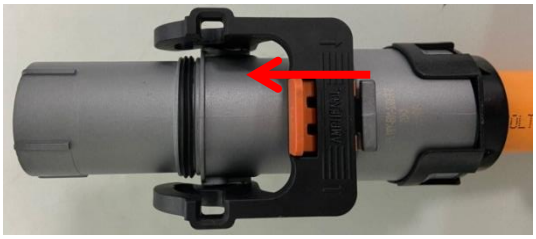


单芯/ONE POS



多芯/Multi POS

■ 单芯插头插入指引 One Pos Plug Insertion Guideline



a. 取对应的连接器线束，向左推开橙色锁扣解锁

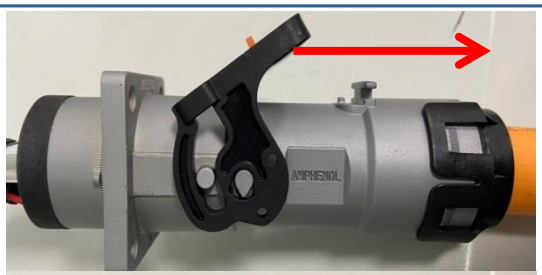
Take the plug harness and push left the ORANGE CPA to unlock (red arrow)

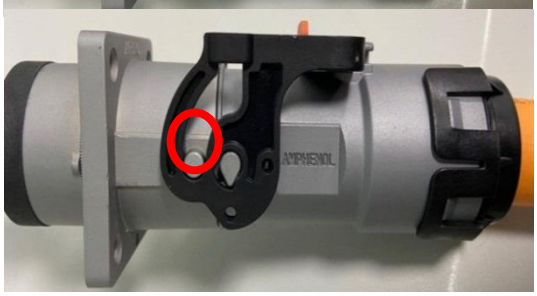
b. 翻转摇杆90度

Turn back lever lock 90 degrees

c. 将插头水平插入插座中，使插座两边凸点到达插头摇杆滑轨底部

Insert plug into receptacle horizontally make sure the key (both side) touch the end of the plug lever lock





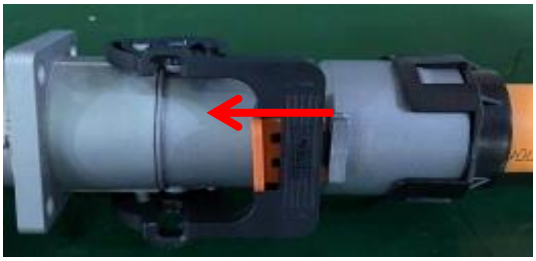
d. 向回拉动\推动摇杆90度使两边凸点到达摇杆底部 (不要推动插头)

Pull\Push back the lever lock 90 degrees until the key (both side) touch the bottom of the lever lock (DO NOT push the plug)

e. 向右方用手推动橙色按钮，直到听到“嗒”的一声，回拉插头，无退位现象则安装到位

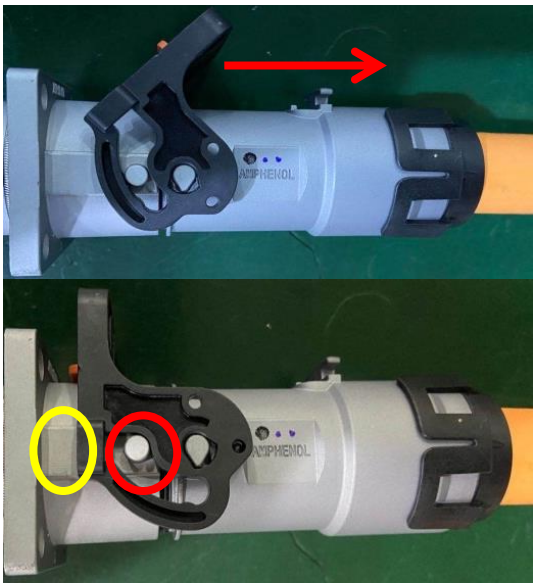
Pull\Push back the ORANGE CPA until a “click” to finish the installation.
Pull back the plug and no movement

■ 单芯插头拔出指引 One Pos Plug Pull Out Guideline



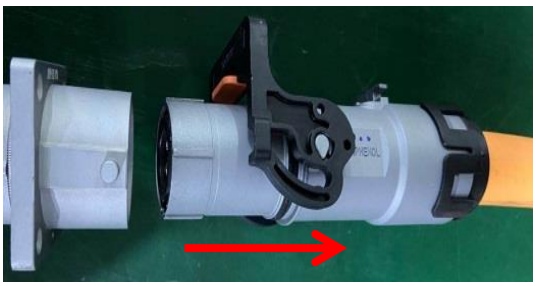
a. 向左推开橙色锁扣解锁

Push left the ORANGE CPA to unlock(red arrow)



b. 翻转摇杆90度，同时慢慢向右方拔动插头，直到插座凸点到达插头摇杆滑轨底部

Turn back lever lock 90 degrees slowly by hand and pull back the plug slowly at the same time with the other hand ,make sure the keys (both side) touch the end of the plug lever lock (circled in red) and are level to the lever lock exits (circled in yellow)

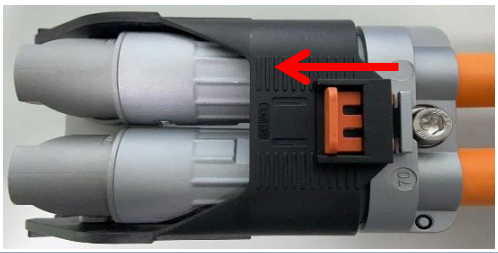


c. 将插头水平拔出插座

Pull out the plug from the receptacle, keep the plug being level with the receptacle until the plug is fully out from the receptacle

◆ 注意：禁止在未解开CPA的状态下，强行用工具撬开插头
Warning: It is forbidden to pry open the plug with tools without untying the CPA

■ 多芯90°插头插入指引 Multi Pos 90° Plug Insertion Guideline



a. 取对应的连接器线束，向左推开橙色锁扣解锁

Take the plug harness and push left the ORANGE CPA to unlock (red arrow)

b. 向上提起摇杆至金属凸点进入摇杆两个槽口中靠近线缆的那个孔内

Turn back lever lock until the metal bump enters the hole near the cable in the two holes of the lever lock

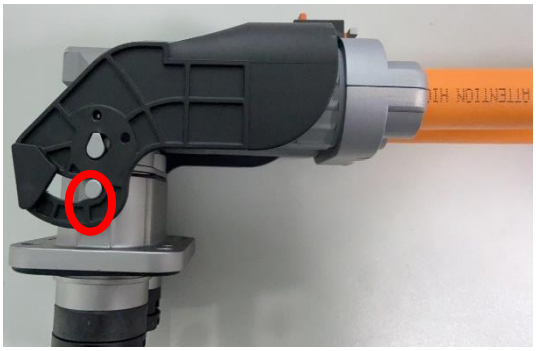
c. 如图示将插座凸台对准插头摇杆滑轨的槽口，将插头插入插座

Align the keys （ both side ）of the receptacle with the notch in the lever lock. Insert the plug into the receptacle till the keys (both side) of the receptacle reach the slide track area of the lever lock

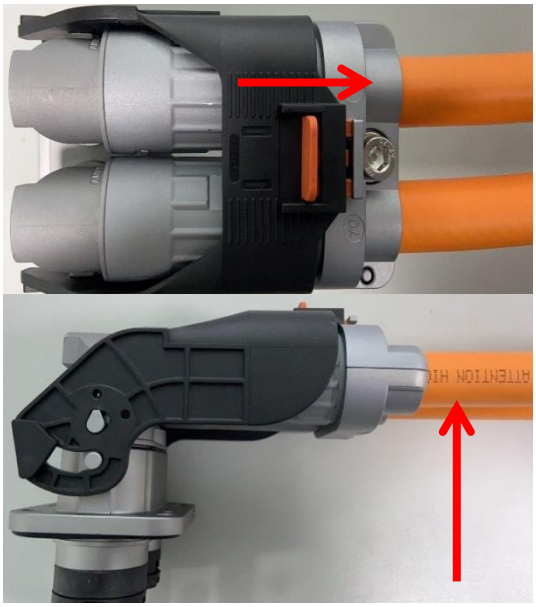
d. 向线缆方向拉动摇杆

Pull back the lever lock toward the cable(red arrow)

■ 多芯90°插头插入指引 Multi Pos 90° Plug Insertion Guideline



e. 插座凸点到达摇杆滑轨底部，预安装到位
The key (both side) touch the bottom of the lever lock, then the pre-installation is in place

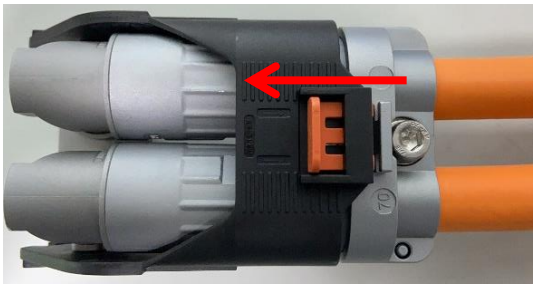


f. 向右方用手推动橙色按钮，直到听到“嗒”的一声，向上拉插头，无退位现象则安装到位

Pull\Push back the ORANGE CPA until a “click” to finish the installation.
Pull up the plug and no movement

◆ 注意：禁止在插座凸台与摇杆滑槽非切合状态前拉动摇杆
Warning: No Pressing down the lever lock Before the Cylinder and the groove suit

■ 多芯90°插头拔出指引 Multi Pos 90° Plug Pull Out Guideline

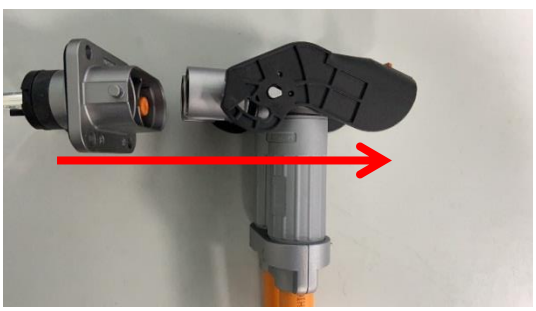


a. 向左推开橙色锁扣解锁

Push left the ORANGE CPA to unlock(red arrow)

b. 向上方慢慢提起摇杆的同时，缓缓退出插头

Lift up the lever lock slowly and pull out the plug slowly at the same time with the other hand . make sure the keys (both side) touch the end of the plug lever lock (circled in red)

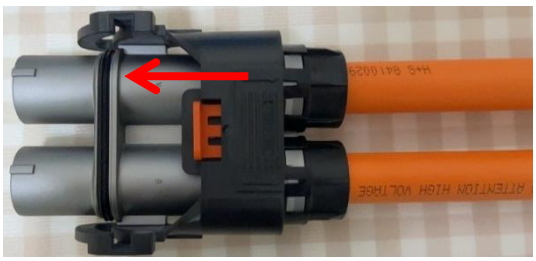


c. 将插头水平拔出插座

Pull out the plug from the receptacle, keep the plug being level with the receptacle until the plug is fully out from the receptacle

◆ 注意：禁止在未解开CPA的状态下，强行用工具撬开插头
Warning: It is forbidden to pry open the plug with tools without untying the CPA

■ 多芯180°插头插入指引 Multi Pos 180° Plug Insertion Guideline



a. 取对应的连接器线束，向左推开橙色锁扣解锁

Take the plug harness and push left the ORANGE CPA to unlock (red arrow)

b. 翻转摇杆90度

Turn back lever lock 90 degrees

c. 如图示将插座凸台对准插头摇杆滑轨的槽口，将插头插入插座

Align the keys （ both side ）of the receptacle with the notch in the lever lock .Insert the plug into the receptacle till the keys (both side)of the receptacle reach the slide track area of the lever lock

d. 向线缆方向拉动摇杆

Pull back the lever lock toward the cable(red arrow)

■ 多芯180°插头插入指引 Multi Pos 180° Plug Insertion Guideline

e. 插座凸点到达摇杆滑轨底部，预安装到位

The keys (both side) touch the bottom of the lever lock, then the pre-installation is in place

f. 向右方用手推动橙色按钮，直到听到“嗒”的一声，回拉插头，无退位现象则安装到位

Pull\Push back the ORANGE CPA until a “click” to finish the installation.
Pull back the plug and no movement

◆ 注意：禁止在插座凸台与摇杆滑槽非切合状态前拉动摇杆
Warning: No Pressing down the CPA Before the Cylinder and the groove suit

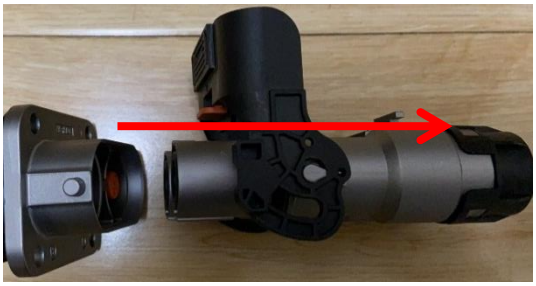
■ 多芯180°插头拔出指引 Multi Pos 90° Plug Pull Out Guideline

a. 向左推开橙色锁扣解锁

Push left the ORANGE CPA to unlock(red arrow)

b. 翻转摇杆90度，同时慢慢向右方拔动插头，直到插座凸点到达插头摇杆滑轨底部

Turn back lever lock 90 degrees slowly by hand and pull back the plug slowly at the same time with the other hand , make sure the keys (both side) touch the end of the plug lever lock (circled in red)



c. 将插头水平拔出插座

Pull out the plug from the receptacle, keep the plug being level with the receptacle until the plug is fully out from the receptacle

◆ 注意：禁止在未解开CPA的状态下，强行用工具撬开插头
Warning: It is forbidden to pry open the plug with tools without untying the CPA

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