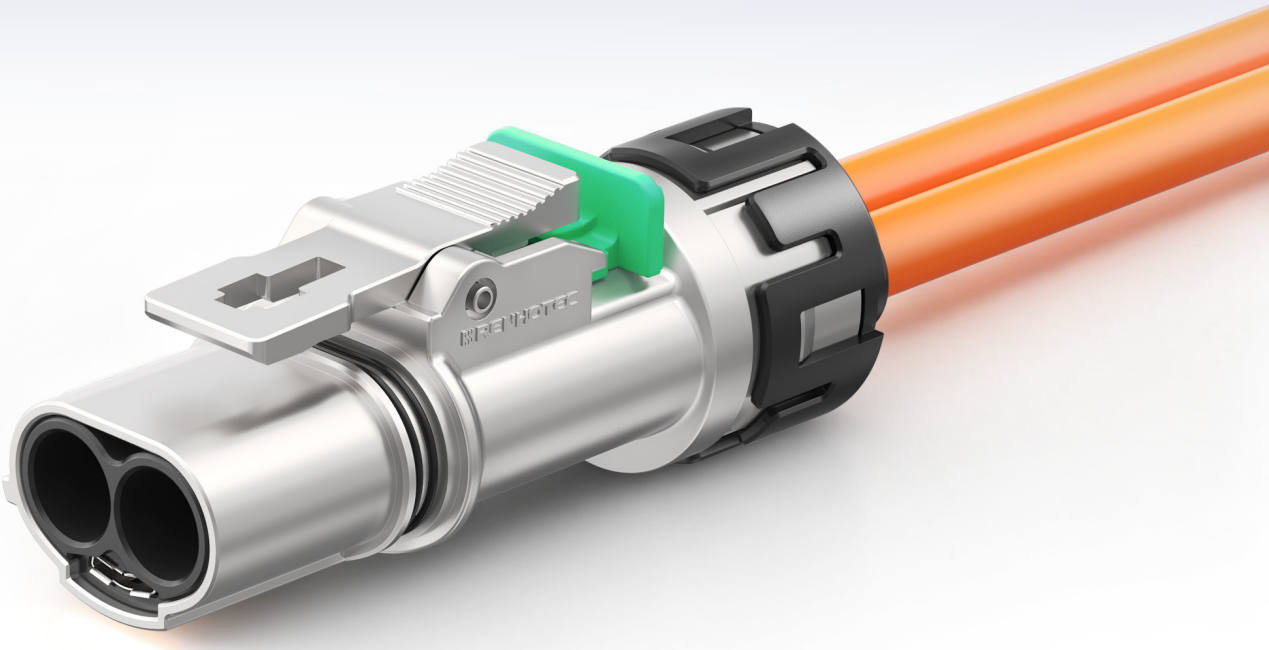
RENHOTEC



INSTALLATION
INSTRUCTIONS

安　装　说　明　书

ST549000-A(B/C/D/E)-2.5(4) ST550000-A(B/C/D/E)-2.5(4)

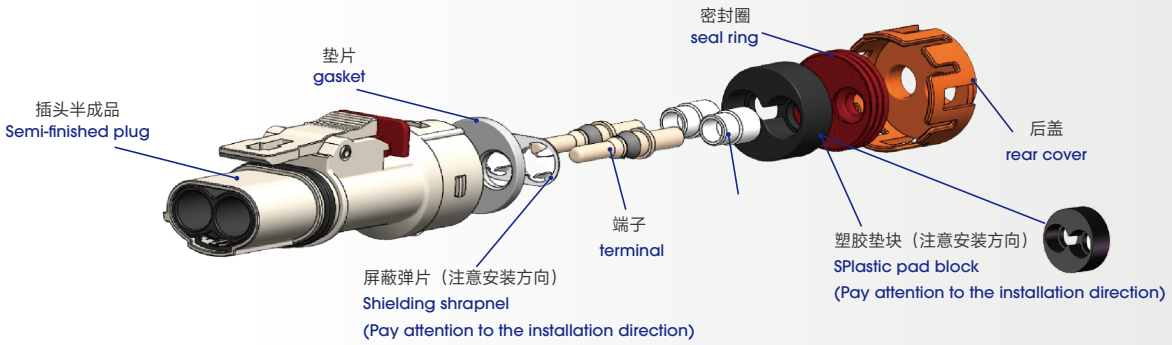
Installation steps for 2pos 60A Series Connectors (XL162(X)-6(1)-(X))

2pos 60A系列连接器安装步骤[XL162(X)-6(1)-(X)]

Steps 1 / 步骤一

取出连接器壳体部件和其他零件

Take out the connector housing component and other parts



Steps 2 / 步骤二

适配的线缆参数如下表

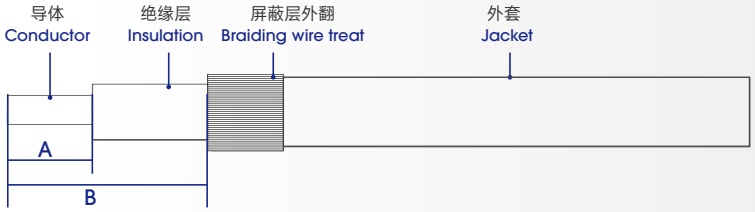
The parameters of the compatible cables are as follows in the table

连接器系列 Connector Series	电线尺寸 Cable Size	适合电线外径 Accepted Wire OD	参考抗拉拔力 Retention Force Min
60A	2.5 mm^2	5.0~5.4	≥311N
	4 mm^2	5.6~6.0	≥356N
	6 mm^2	6.4~7.0	≥400N

Steps 3 / 步骤三

根据下表要求剥线

Strip the wires according to the requirements of the following table

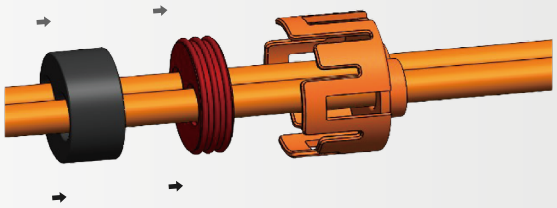


连接器系列 Connector Series	剥线长度 Strip Length	
	A(mm)	B(mm)
2Pos-60系列 Series	10±1	31±1

Steps 4 / 步骤四

将后盖、密封圈、塑胶垫块按下图位置先套在线缆上

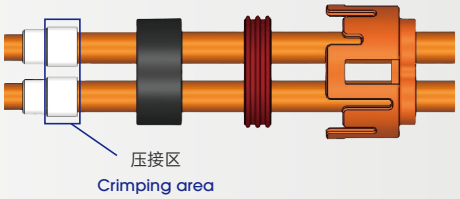
First, put the back cover, sealing ring and plastic gasket onto the cable at the positions shown in the picture below



Steps 5 / 步骤五

压接压环; 修剪屏蔽层至压环端面，(屏蔽层长度 6±1mm)，(非屏蔽无此步骤)

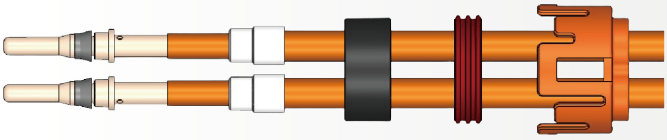
Crimping ring Trim the shielding layer to the end face of the pressing ring.(The length of the shielding laver is 6+1mm.) (This step is not required for non-shielding.)



Steps 6 / 步骤六

压好屏蔽环后，按IPC/WHMA-A-6020A标准压接端子

After pressing the shielding ring, crimp the terminal in accordance with the IPC/WHMA-A-6020A standard;



Steps 7 / 步骤七

将垫片先放入插头半成品中，再将屏蔽弹片放入

First, insert the gasket into the semi-finished plug, and then insert the shielding shrapnel.

Steps 8 / 步骤八

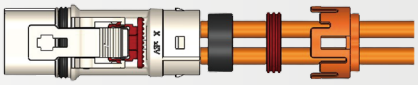
再将屏蔽弹片放入

Then insert the shielding shrapnel.

Steps 9 / 步骤十

将端子的插入插头壳体的两个孔位，端子到位后会听到“嗒”的声音，轻轻回拉确认

Insert the terminal into the two holes of the plug housing. After the terminal is in place, you will hear a "click" sound. Gently pull it back to confirm

将垫片，密封垫，后盖依次推入插头半成品，完成安装

Push the gasket, sealing gasket and rear cover into the semi-finished plug in sequence to complete the installation.