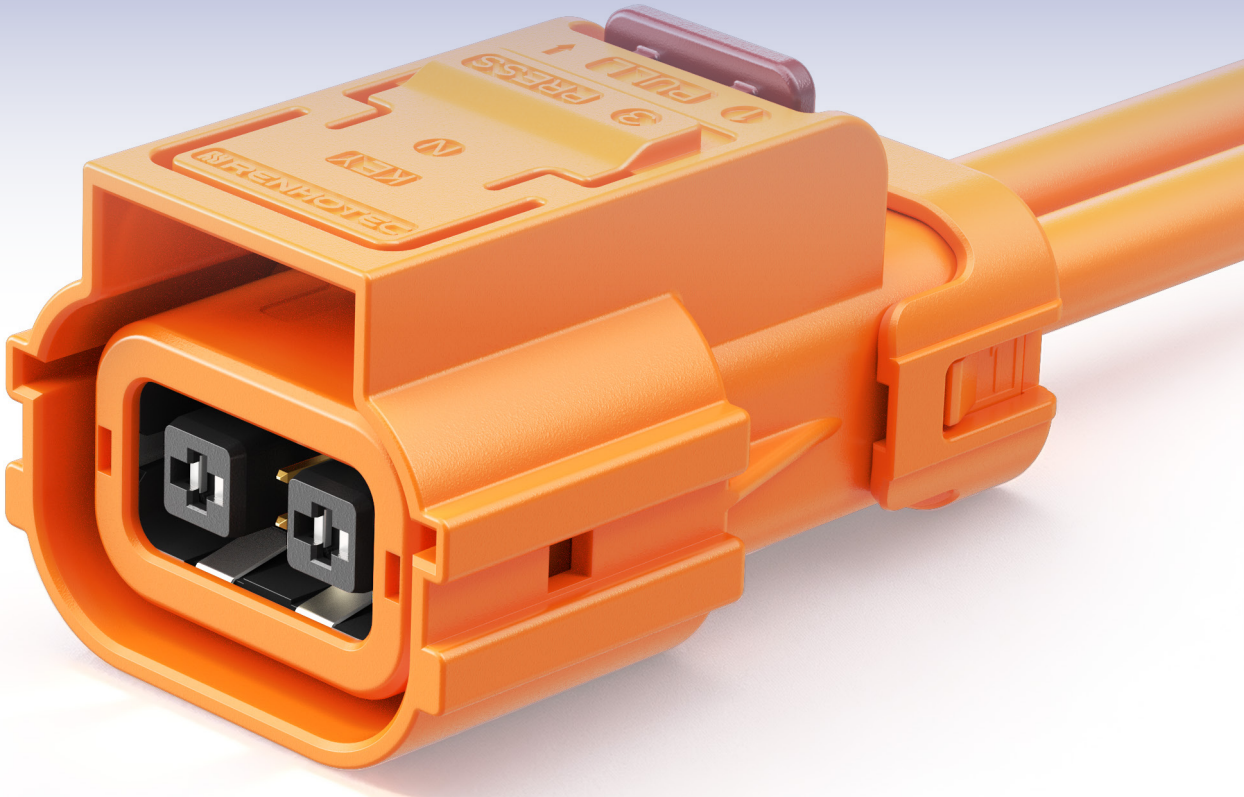
RENHOTEC



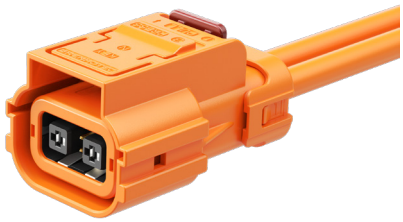
INSTALLATION
INSTRUCTIONS

安　装　说　明　书

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

Product Assembly Chart

产品总成图



• 产品名称 / Product name

FHV 2芯2.5-4方塑胶连接器_直插头 / **FHV 2-core 2.5-4 square plastic connector with straight plug**

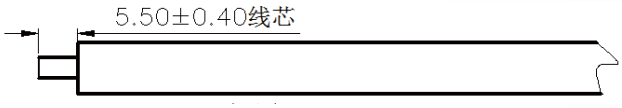
Part One

Socket Installation Instructions / 插座安装说明

Steps1 / 步骤一

电源端子推荐剥线尺寸

Power wire stripping dimenSIon



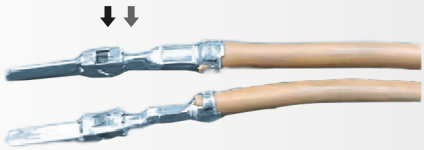
Steps 2 / 步骤二 压线 Crimpping line

1.压接后，端子和电线应保持平行，不能明显弯曲变形

1.After crimping, the terminal and the wire should remain parallel and cannot Obvious bending deformation

2.端子铆接尺寸要求请参考本文件

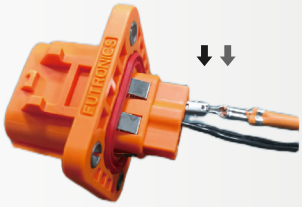
2.Refer to this document for terminal riveting dimension requirements



Steps 3 / 步骤三 连接端子插入主体部件 Connect the terminal Insert Master Body Components

1.注意相应的孔位置

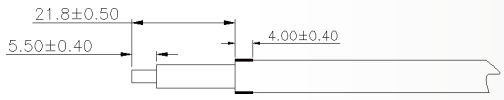
1.Pay attention to the corresponding hole position



Part Two

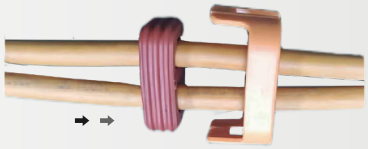
Plug Assembly Instructions / 插头组装说明

Steps 1 / 步骤一 剥线 Wire stripping



Steps 2 / 步骤二

1.线束穿线后盖 2.线束穿防水圈
1. Wire harness threading After the cover
2. Wire harness threading Waterproof ring



Steps 3 / 步骤三 将屏蔽件放入套筒环内 Put Shielding inside the sleeve ring

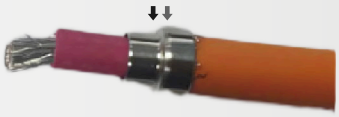
1.非屏蔽不需要此步骤 2.确认线束内的编织网和绝缘层没有损坏
1. This step is not required for non-shielded
2. Confirm that the braided mesh and the insulation layer inside the harness are not damaged

Steps 4 / 步骤四 编织网翻过来，盖上环上的内网 Weaving the net Turn over, cover Cover the inner screen On the ring

非屏蔽不需要此步骤
This step is not required for non-shielded

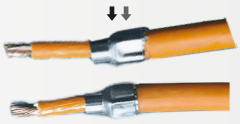
Steps 5 / 步骤五 戴上外屏蔽环 Put on the outer shielding ring

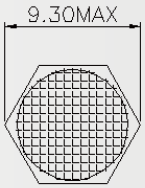
1.非屏蔽不需要此步骤 2.编织网需要均匀地覆盖在内屏蔽环上
3.外屏蔽环的一端需要与内屏蔽环的端部对齐
1. This step is not required for non-shielded
2. The braided mesh needs to be evenly covered on the inner shielding ring
3. The end of the outer shielding ring needs to be aligned with the end of the inner shielding ring



Steps 6 / 步骤六 卷曲屏蔽环 Crimpped shield ring

1.非屏蔽不需要此步骤 2.编织网需要均匀地覆盖在内屏蔽环上
3.外屏蔽环的一端需要与内屏蔽环的端部对齐
1. Non-shielded does not require this step
2. The diagonal size after crimping cannot be greater than 9.30

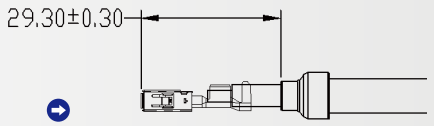




Steps 7 / 步骤七 压接端子 Crimpping Terminals

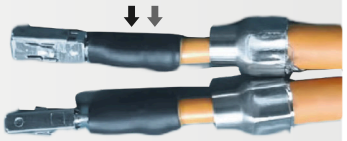
1.压接后端子头到屏蔽环的距离需要 29.30±0.3 2.压接后端子与屏蔽环的同心度为0.3MAX
3.尺寸请参考本文件中的端子压接尺寸要求

1. The distance from the terminal head to the shielding ring after crimping needs to be 29.30±0.3
2. The concentricity between the terminal and the shielding ring after crimping is 0.3MAX
3.Refer to the terminal crimpping size requirements in this document for dimensions



Steps 8 / 步骤八

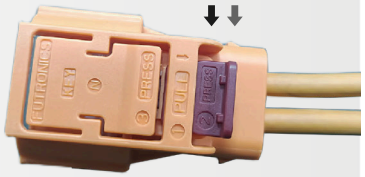
吹制热缩管
Blowing heat shrink tubing



Steps 9 / 步骤九

1.注意相应的孔位置
1.Pay attention to the corresponding hole position

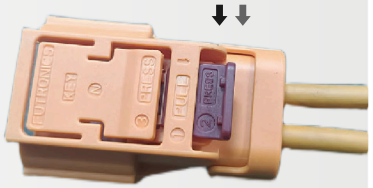
2.当你听到咔嗒声时，这意味着它被插入到位；然后将其拉回终端，终端将无法退出
2.When you hear a click, it means it is inserted into place; then pull it back Terminal, the terminal will not exit



Steps 10 / 步骤十 安装防水圈和后盖 Install waterproof ring and back cover

1.在关闭后盖之前，确保其上没有异物线束和后盖
1.Before closing the rear cover, make sure that there is no foreign matter on the wiring harness and rear cover thing.

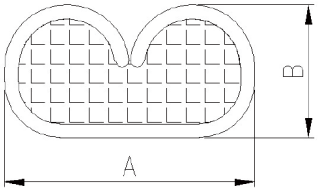
2.需要带扣才能完全钩住悬挂平台
2.The buckle is required to completely hook the hanging platform



Part Three

Terminal mortise size / 端子插芯尺寸

	2.5 mm^2	4 mm^2
A Dimension / 尺寸	3.15±0.05	3.20±0.05
B Dimension/ 尺寸	2.1±0.1	2.2±0.1



• 上述尺寸仅供参考，必须满足以下夹持力要求
The above dimensions are for reference only and must meet the following holding force requirements

• 压接后，线束保持力为2.5mm^2≥200N，4mm^2≥270N,如果保持力不足或端子过度拉伸，请适当调整压接尺寸
After Crimpping, the wire harness retention force is 2.5mm^2≥200N, 4mm^2≥270N If the holding force is insufficient or the terminal is overextended, please adjust the Crimpping size appropriately