4进1出穿刺线夹(IPC4116120)
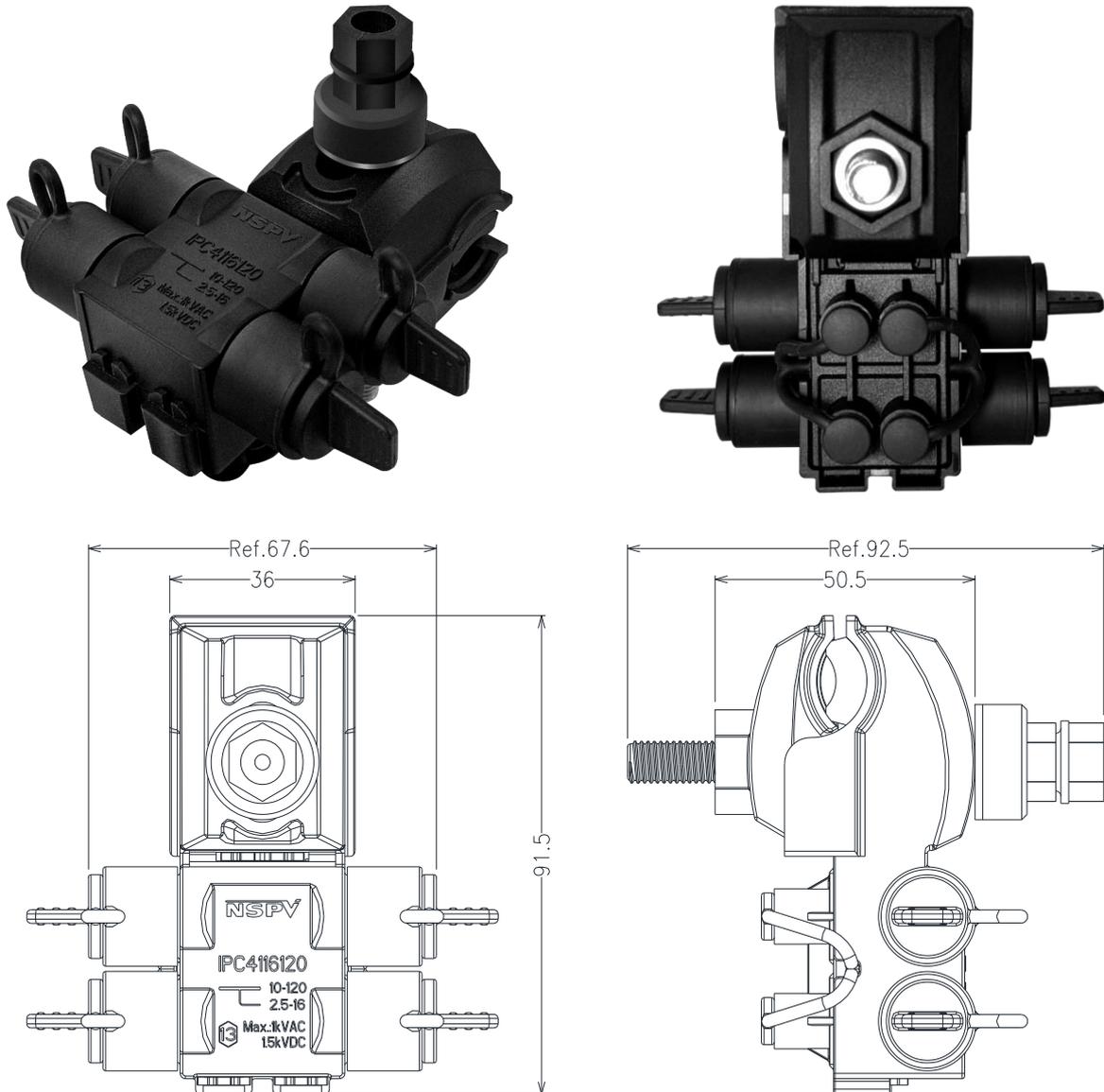# 4in1 Piercing connector(IPC4116120)

产品规格
Product Specifications

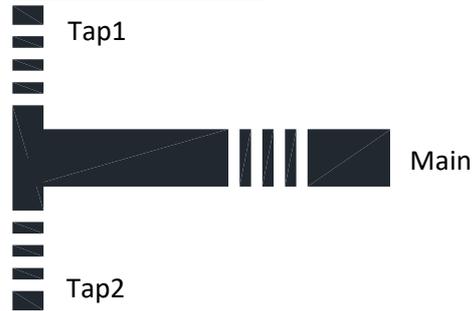| 绝缘材料 Insulation material	PA+CU	安全等级 Safety degree	II
额定电压 Rated voltage	1500VDC/1000VAC	阻燃等级 Flame class	UL94-V0
适配电线规格 Suitable cable cross sections	Tap:2.5~16mm² (OD Max.9.0) Main:10-120mm² (Al/CU)	安装方式 Installation type	户外，抗紫外线(F1) Outdoor,UV resistant(F1)
连接器接触电阻 contact resistance	≤ 5 mΩ	环境温度范围 Ambient temperature range	-40℃…+85℃(IEC）
金属导体材料 Contact material	铜,镀锡 Copper,Tin plated	连接方式 Connecting system	锁接 Lock connection
保护等级 Degree of protection	IP67	螺帽锁紧力 Nut cap locking force	>12Nm
过压等级 Overvoltage category/Pollution degree	CATIII/2	温度上限 Upper limiting temperature	110℃(IEC)

图示：
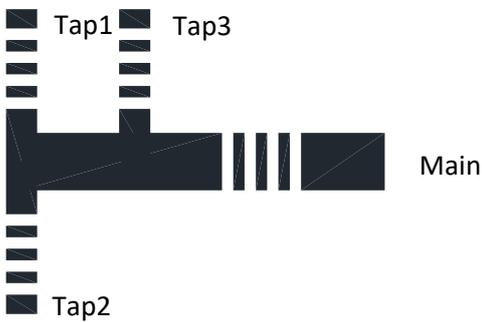## Drawing:

接线原理图
Elementary diagram :
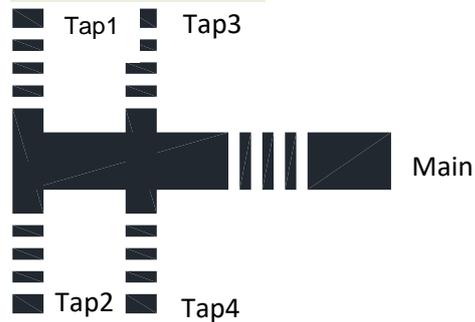
1 input 1 output

Tap1

Main

2 inputs 1 output

Tap1

Main

Tap2

3 inputs 1 output

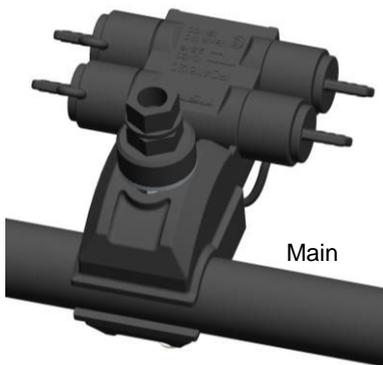Tap1   Tap3

Main

Tap2
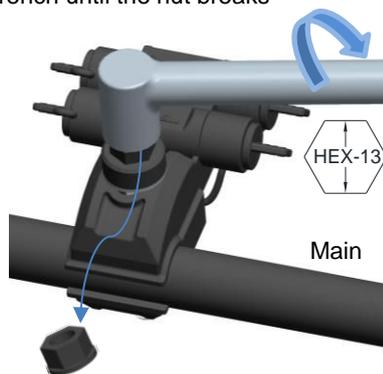
4 inputs 1 output

Tap1   Tap3

Main

Tap2   Tap4

使用方法
method of application
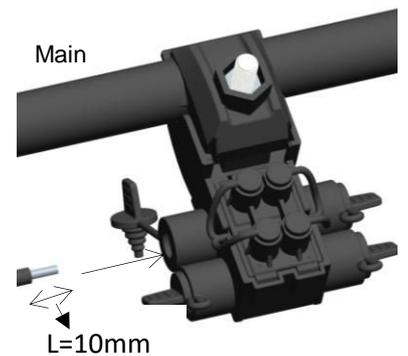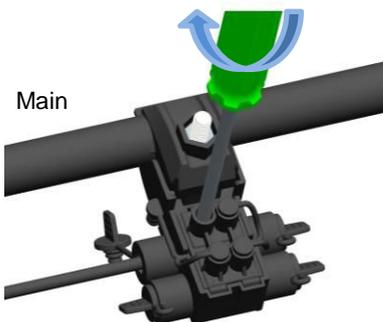
1.把电线放入线夹内
1.Put the cable on the IPC

Main

2.用13mm的扭力扳手锁紧电线直到螺帽断开
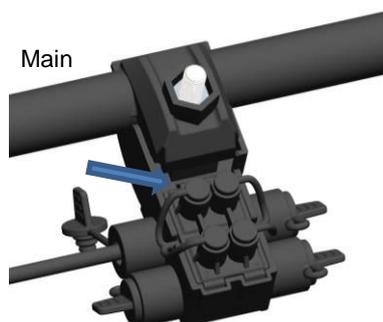2.Tighten the cable with a 13mm torque wrench until the nut breaks

HEX-13

Main

3.拨分支电线L=10mm
3.Strip the cable L= 10mm

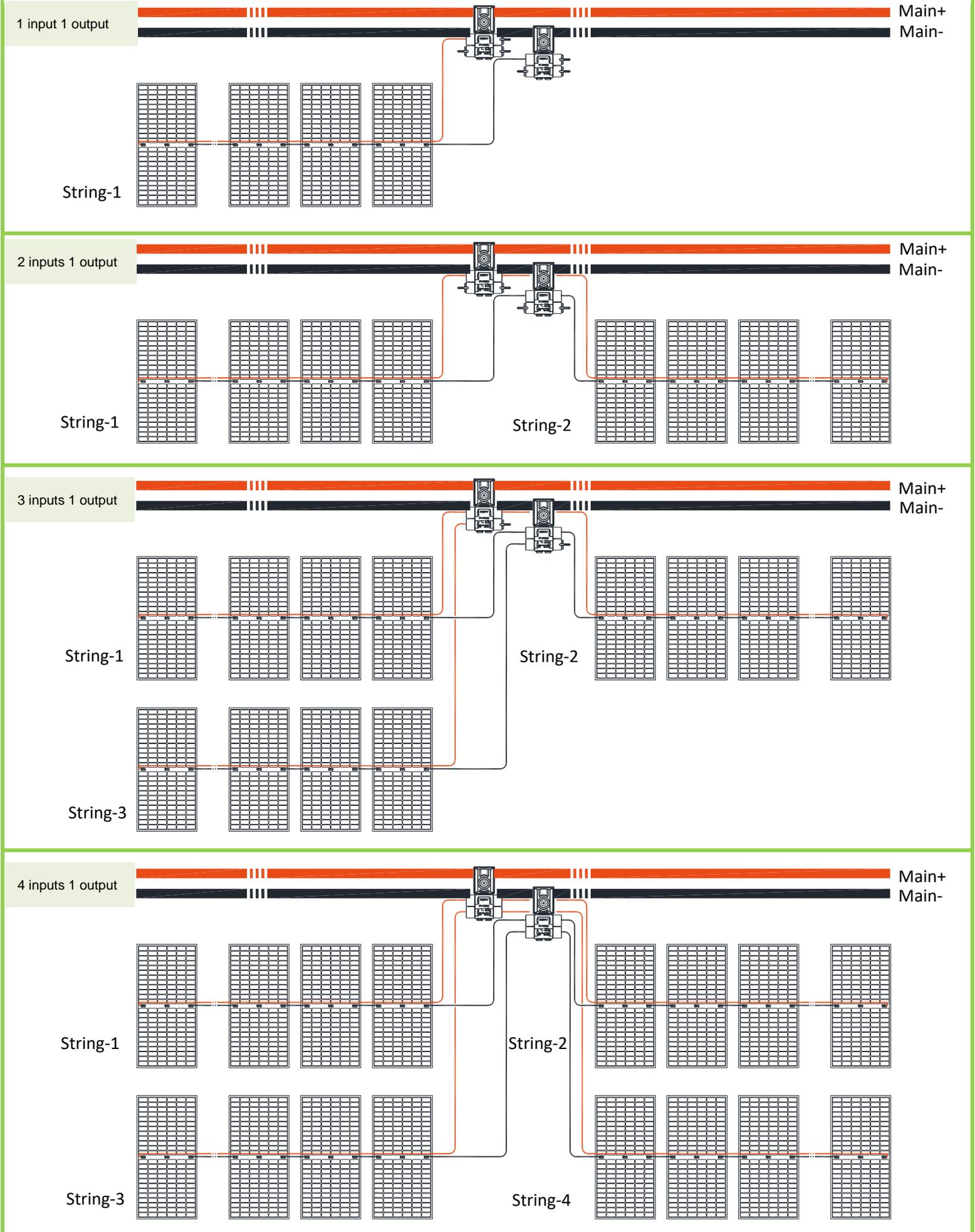Main

L=10mm

4.用Φ6锁紧分支电线
4.Lock the cable with Φ6mm

Main

5.盖上防水盖
5.Put on the waterproof cover

Main

6.重复4和5,接入其它分支线.
6.Repeat 4 and 5 to connect to other branch cable

Main

使用参考
Application reference :

1 input 1 output

Main+
Main-

String-1

2 inputs 1 output

Main+
Main-

String-1

String-2

3 inputs 1 output

Main+
Main-

String-1

String-2

String-3

4 inputs 1 output

Main+
Main-

String-1

String-2

String-3

String-4

NSPV
NewSun PV Technology Co.,Ltd

Main-

Strings-

Main+

Strings+