

交流5极连接器II

AC5P Connector II

产品规格

Product Specifications

绝缘材料 Insulation material	PPE/PA	安全等级 Safety degree	II
额定电流 Rated current	Max.50A(10sqmm)	阻燃等级 Flame class	UL94-V0
额定电压 Rated voltage	500V AC	电线最大外径 Suitable cable OD Max.	Φ21mm
测试电压 Test voltage	4kV	环境温度范围 Ambient temperature range	-40°C...+85°C(IEC)
连接器接触电阻 Typical contact resistance	≤ 0.25 mΩ	适配电线规格 Suitable cable cross sections	2.5~10mm ² /14~8AWG
金属导体材料 Contact material	铜,镀锡 Copper, Tin plated	连接方式 Connecting system	锁/铆接方式 Screw/crimping connection
保护等级 Degree of protection	IP68	绝缘电阻 Insulation resistance	≥ 1000 MΩ
连接端子的直径及数量 Contaction diameter/number of contact	Ø 4.0x5	标准 Standard	EN 61984

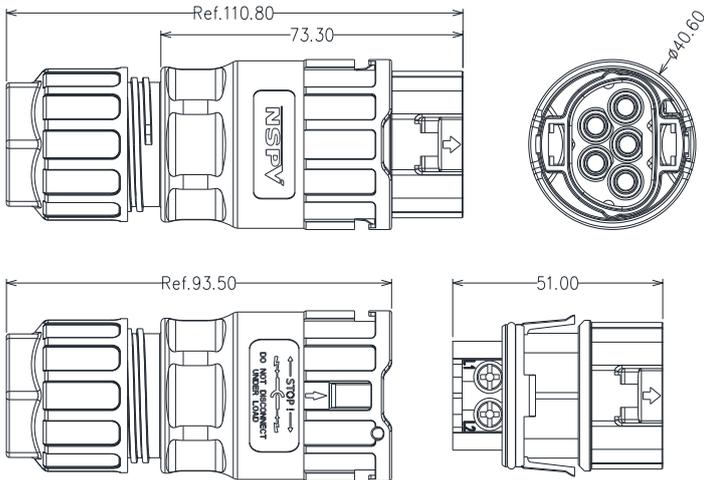
线端母头-板端公头:

Cable female-panel male:

线端母连接器

Female cable end part number:5PCF

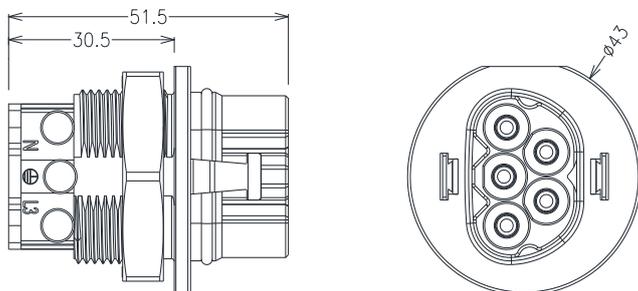
5PCF-L10:Lock cable4/6/10sqmm cable.



板端公连接器

Male panel connector:5PPM

5PPM-C04:Crimp cable4sqmm cable;
 5PPM-C06:Crimp cable6sqmm cable;
 5PPM-C10:Crimp cable10sqmm cable.



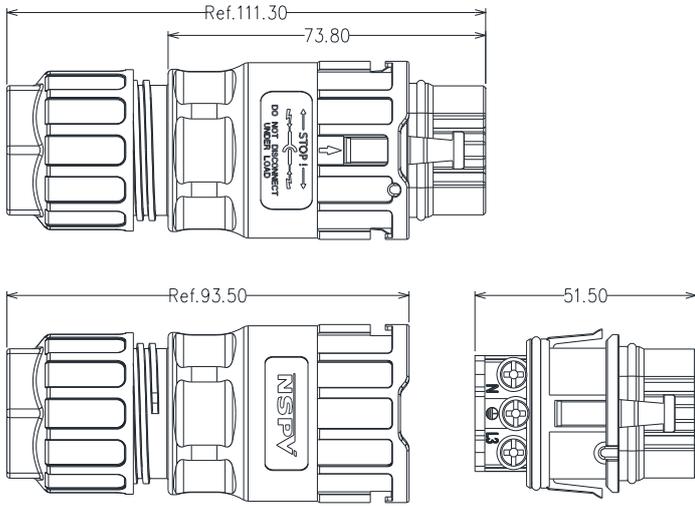
线端公头-板端母头:

Cable male-panel female:

线端公连接器

Male cable connector:5PCM

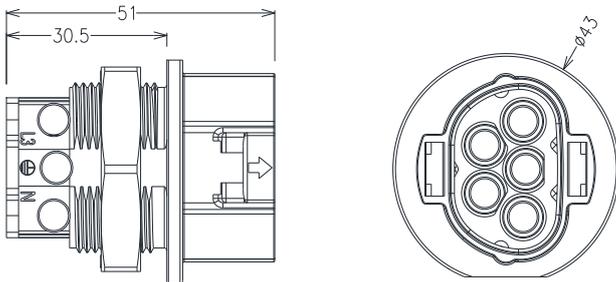
5PCM-L10:Lock cable4/6/10sqmm cable;



板端母连接器

Female panel connector:5PPF

5PPF-C04:Crimp cable4sqmm cable;
5PPF-C06:Crimp cable6sqmm cable;
5PPF-C10:Crimp cable10sqmm cable.



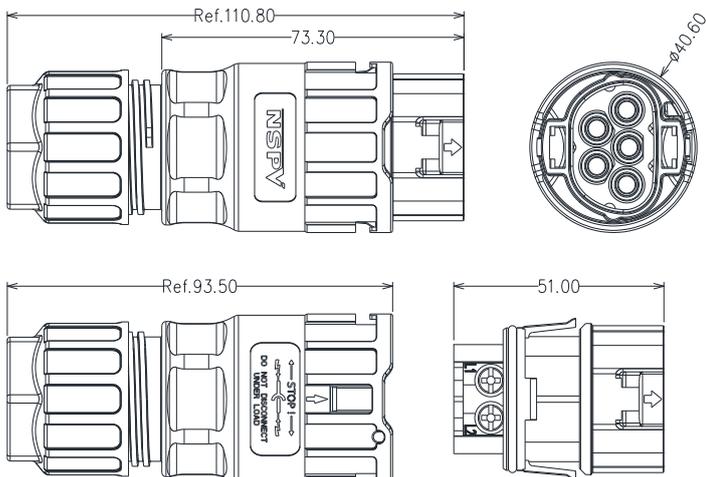
线端公头-线端母头:

Cable male-cable female:

线端母连接器

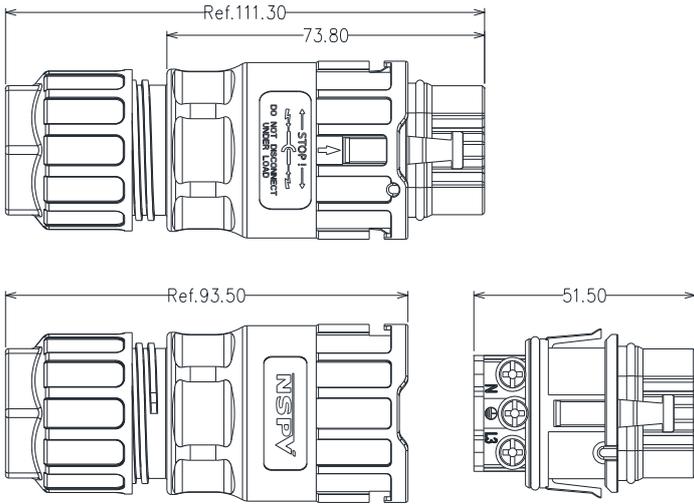
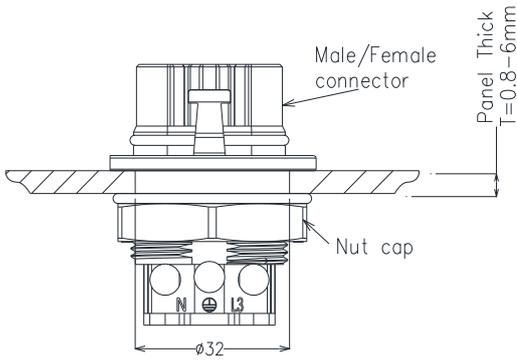
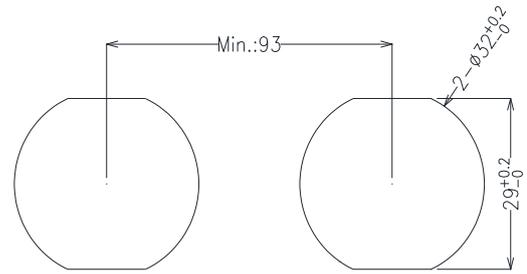
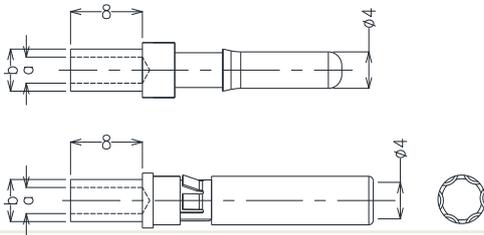
Female cable end part number:5PCF

5PCF-L10:Lock cable4/6/10sqmm cable;

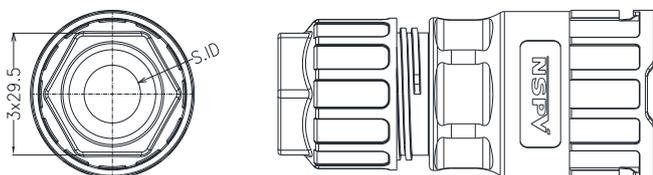


线端公连接器
Male cable connector:5PCM

5PCM-L10:Lock cable4/6/10sqmm cable;


面板孔位尺寸 Panel Hole Size

面板尺寸 Panel size

端子尺寸(mm) Terminal size(mm):


a (\varnothing mm)	b (\varnothing mm)	Cable Size
2.1	3.8	2.5mm&14AWG
2.8	4.6	4sqmm&12AWG
3.4	5.2	6sqmm&10AWG
4.5	6.5	10sqmm&8AWG

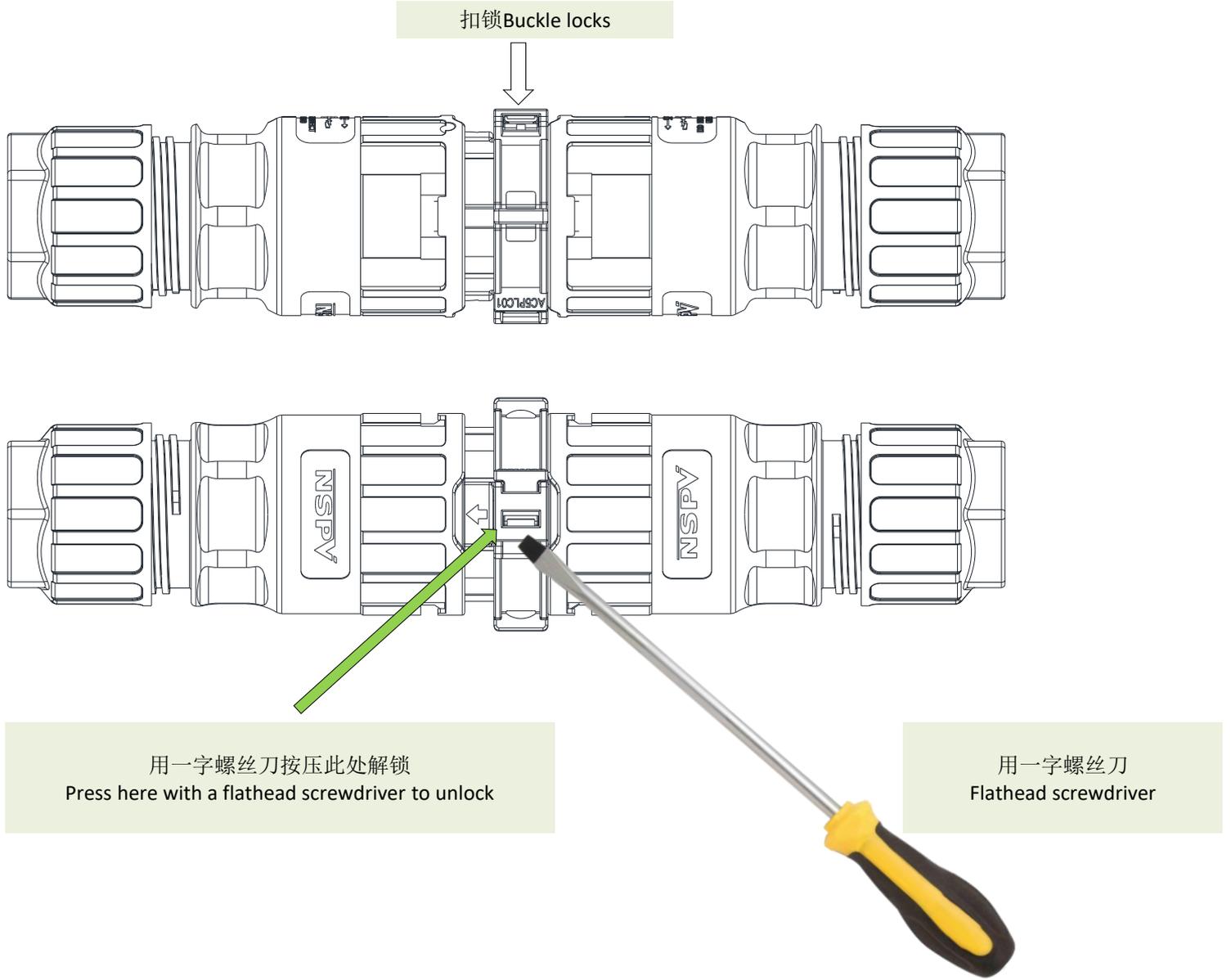
防水圈尺寸(mm) Seal inner size(mm):


S.ID (mm)
14
18
21.5

公母扣锁的使用

Use of male and female buckle locks

扣锁示意图/Buckle locks drawing:



锁扣示意图

Buckle locks drawing

料号Part Number:AC5PLC01

