

交流3极连接器II

AC3P Connector II

产品规格

Product Specifications

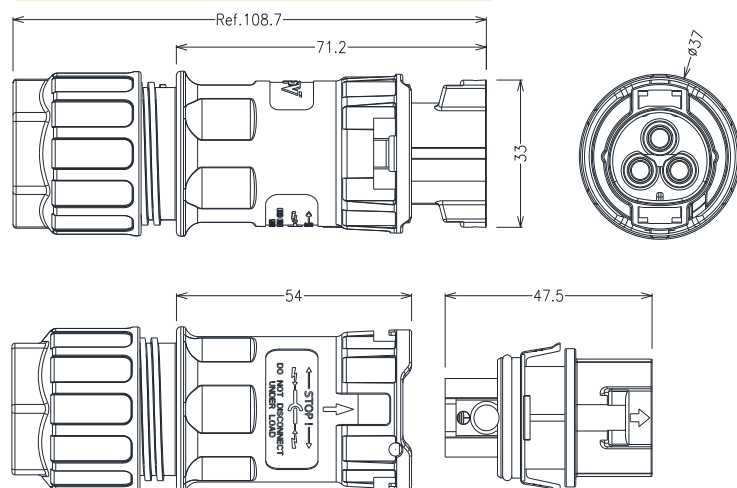
绝缘材料 Insulation material	PPE/PA	安全等级 Safety degree	II
额定电流 Rated current	Max.50A(10sqmm)	阻燃等级 Flame class	UL94-V0
额定电压 Rated voltage	500V AC	电线最大外径 Suitable cable OD Max.	Φ21mm
测试电压 Test voltage	4kV	环境温度范围 Ambient temperature range	-40°C...+85°C(IEC)
连接器接触电阻 Typical contact resistance	≤ 0.25 mΩ	适配电线规格 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 4.0x3	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:3PCF

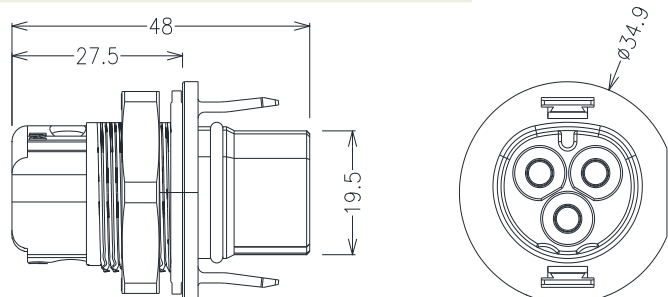


3PCF-L04:Lock cable 2.5/4sqmm cable
3PCF-L10:Lock cable 4/6/10sqmm cable



板端公连接器

Male panel connector:3PPM



3PPM-C02:Crimp cable 2.5sqmm cable;
3PPM-C04:Crimp cable 4sqmm cable;
3PPM-C06:Crimp cable 6sqmm cable;
3PPM-C10:Crimp cable 10sqmm cable.

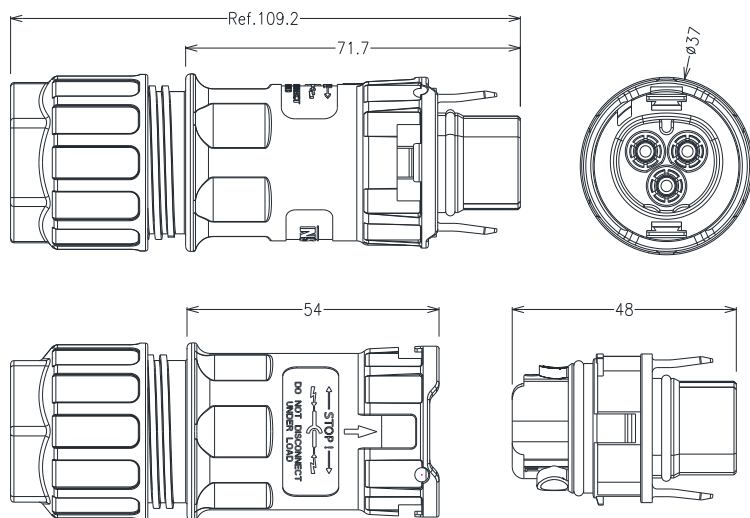


线端公头-板端母头:

Cable male-panel female:

线端公连接器

Male cable connector:3PCM

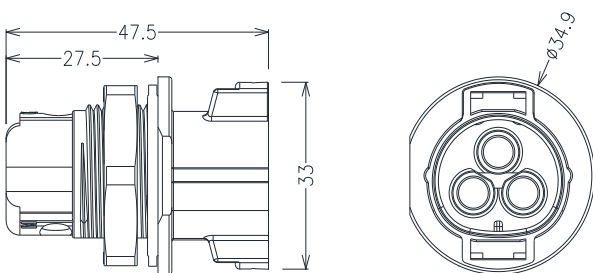


3PCM-L04:Lock cable 2.5/4sqmm cable;
3PCM-L10:Lock cable 4/6/10sqmm cable;



板端母连接器

Female panel connector:3PPF



3PPF-C02:Crimp cable 2.5sqmm cable;
3PPF-C04:Crimp cable 4sqmm cable;
3PPF-C06:Crimp cable 6sqmm cable;
3PPF-C10:Crimp cable 10sqmm cable.

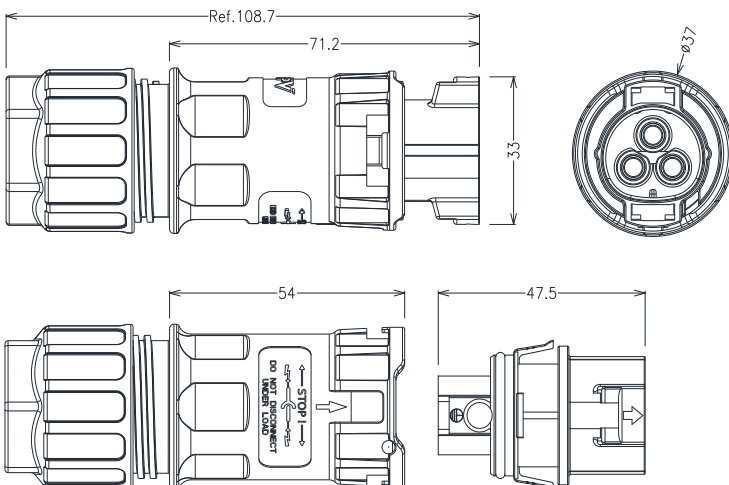


线端公头-线端母头:

Cable male-cable female:

线端母连接器

Female cable end part number:3PCF

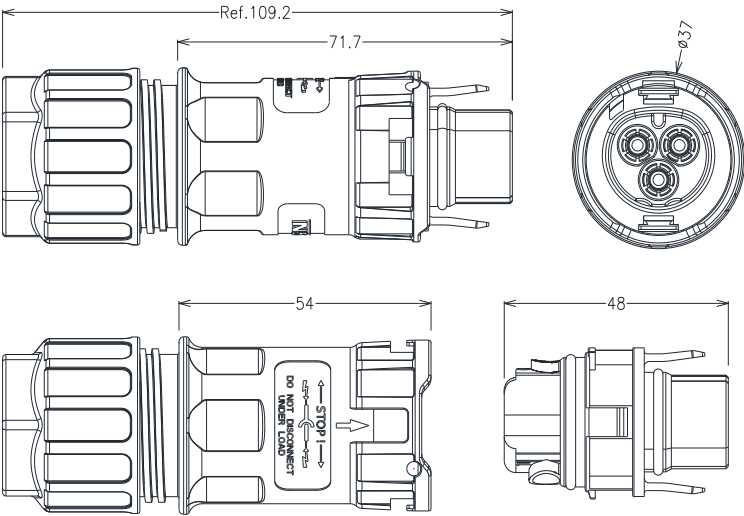


3PCF-L04:Lock cable 2.5/4sqmm cable;
3PCF-L10:Lock cable 4/6/10sqmm cable.

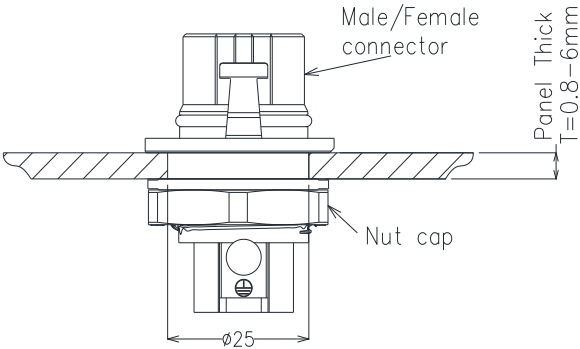


线端公连接器
Male cable connector:3PCM

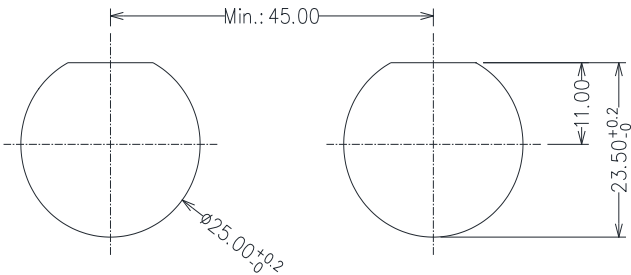
3PCM-L04:Lock cable 2.5/4sqmm cable;
3PCM-L10:Lock cable 4/6/10sqmm cable;



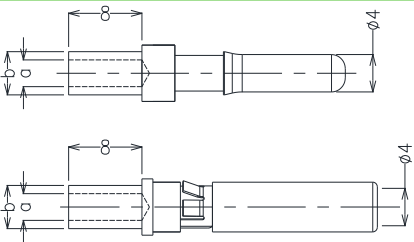
面板孔位尺寸
Panel Hole Size



面板尺寸
Panel size



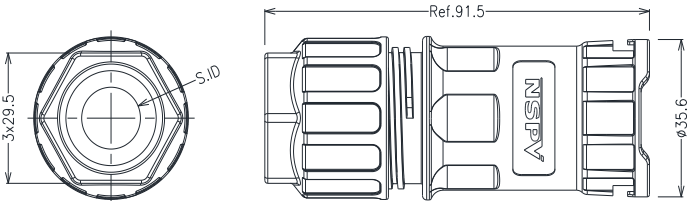
端子尺寸(mm)
Terminal size(mm):



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

防水圈尺寸(mm)
Seal inner size(mm):

Housing Max.:21mm



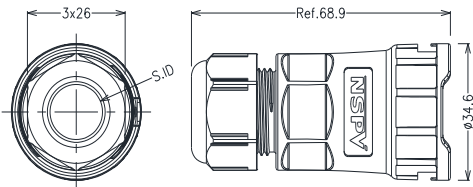
S.ID (mm)

14

18

21

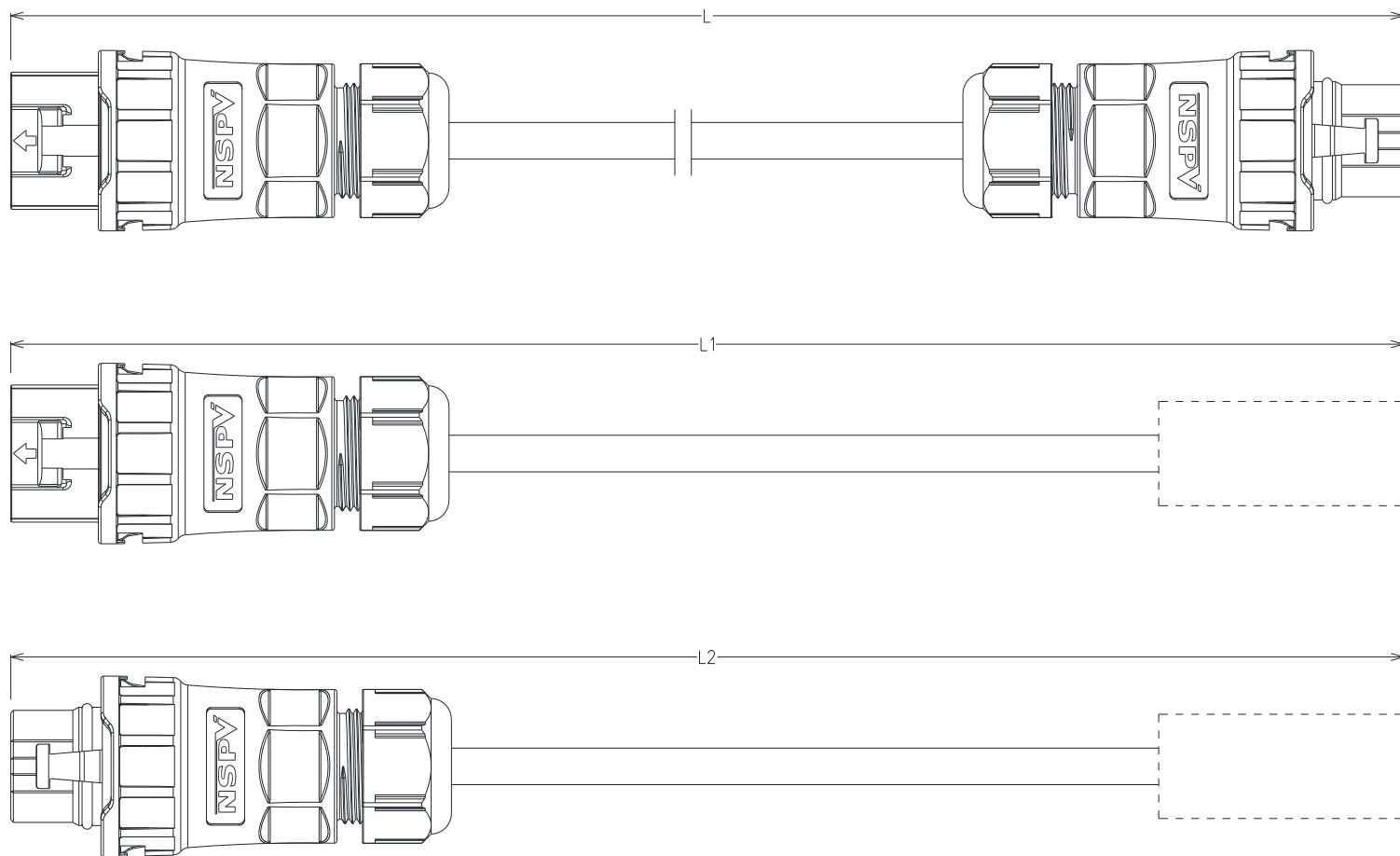
Housing Max.:14mm



14

应用参考:

Application reference:



并网插头参考:

On-Grid Connector reference:

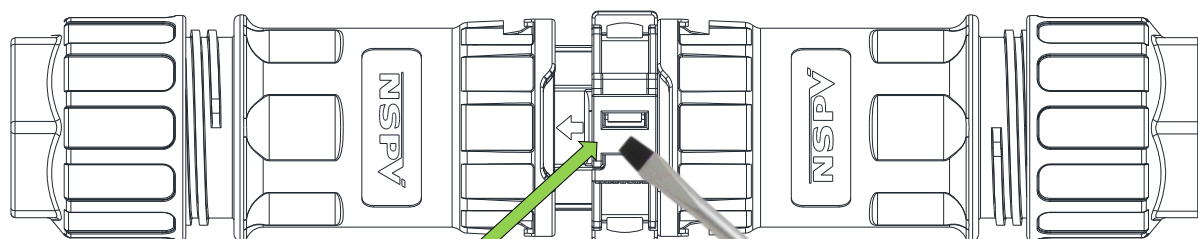
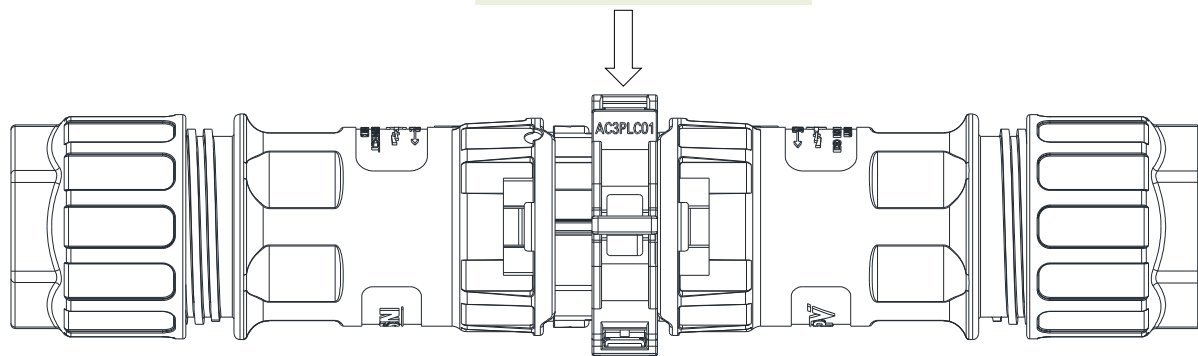


公母扣锁的使用

Use of male and female buckle locks

扣锁示意图/Buckle locks drawing:

扣锁Buckle locks



用一字螺丝刀按压此处解锁
Press here with a flathead screwdriver to unlock

用一字螺丝刀
Flathead screwdriver

锁扣示意图

Buckle locks drawing

料号Part Number:AC3PLC01

