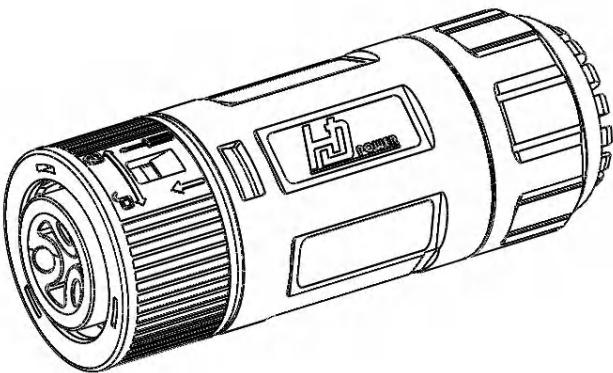
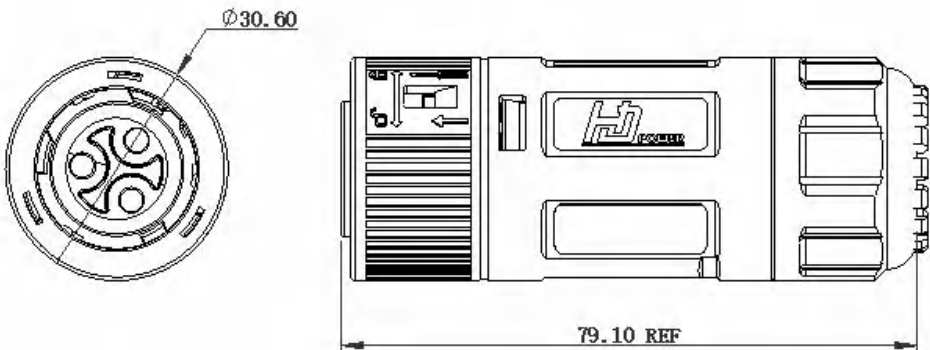


Product Description



RoHS ✓ Reach ✓



Product Info.

Product NO.	Sealing	Cable Diameter	Unlocking Mode
10442030001	$\phi 14$	11.5mm~13.5mm	Non-tool Unlock
10442030011	$\phi 11.5$	9.5mm~11.0mm	
10442030021	$\phi 16$	14mm~15.5mm	
10442030002	$\phi 14$	11.5mm~13.5mm	Tool Unlock
10442030012	$\phi 11.5$	9.5mm~11.0mm	
10442030022	$\phi 16$	14mm~15.5mm	

Technical Data

Electrical Specification

Rated Voltage	600V AC
Rated Impulse Voltage	6KV
Rated Current	42A for 6mm ² (10Awg)
Insulation Resistance	≥500MΩ
Contact Resistance	≤1mΩ

Mechanical Specification

Mating Cycle	≥500
PIN Retention Force	≥80N
Cable Retention Force	≥180N
Wire Size	≤6 mm ² (10Awg)
Cable Diameter	≤15.5mm
Unlock Mode	Non-tool Unlock
	Tool Unlock

Enviromental Specification

Waterproof Rate	IP68 (1m 2H)
Application Temperature	-40 °C~+85°C
Flamming Level	UL94-V0

Material

Plastic Material	PC
Pin Material	Copper Alloy,Ag Plating
Sealing Material	Silicone Rubber

Certification/Certificate

TUV Certification

Logo	Certification	Reference Standard	Certification No.
	TÜV SÜD	EN 61984	B1137880001

UL Certification

Logo	Certification	Reference Standard	Certification No.
	UL	UL2238	E526273

Installation Tool



Open-ended Wrench



Wire Stripper



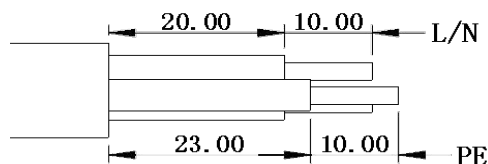
2.0 Allen Driver



Rivet pliers

Installation Instructions

(Dimension of stripping wire)

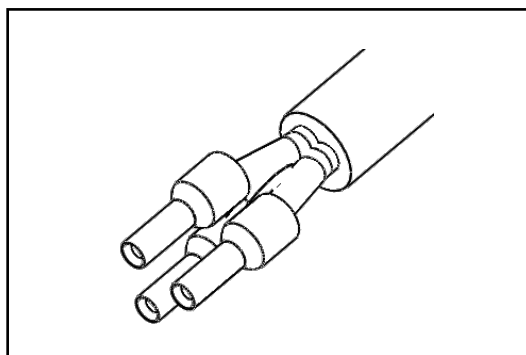


Notes:

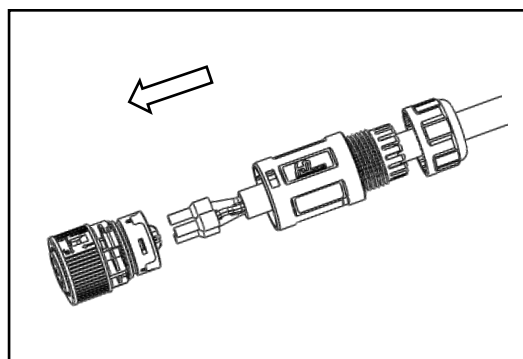
A:CAUTION: NOT FOR INTERRUPTING CURRENT" and "ATTENTION: NE PAS UTILISER POUR COUPER LE COURANT"

B. "Not for Current Interrupting"

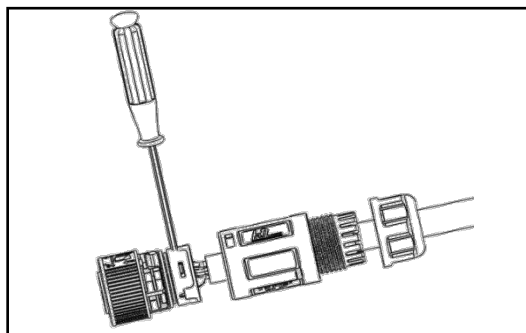
Installation Steps



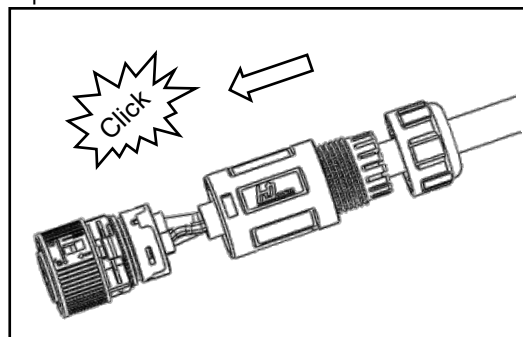
1. Crimp the terminals with crimping pliers



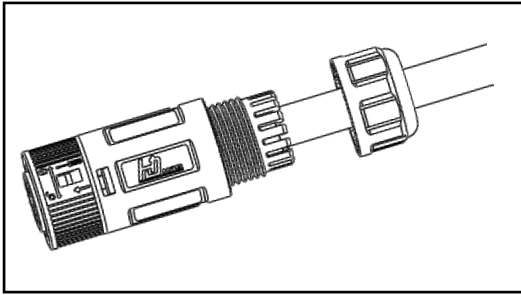
2.Assemble the parts to the cable, insert the terminals into the terminal holes in sequence.



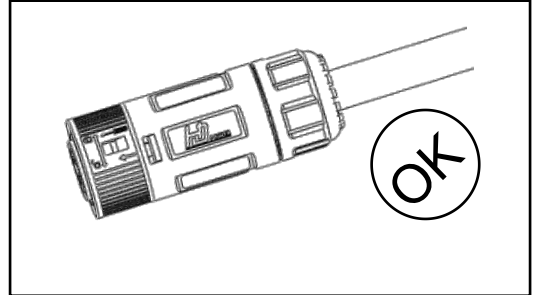
3.Crimp the wire with an allen screwdriver and turn the screw with the torque
 $1.2 \pm 0.1 \text{ N}\cdot\text{m}$ ($2.5 \sim 6 \text{ mm}^2$)
 $1.0 \pm 0.1 \text{ N}\cdot\text{m}$ ($\leq 2.0 \text{ mm}^2$)



4. Insert the mainbody into the connector rubber core and hear the "Click" sound

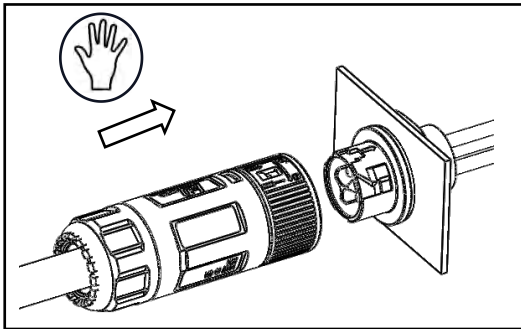


5. Tighten the nut with an open-ended wrench (torque $2.5 \pm 0.5 \text{ N}\cdot\text{m}$)

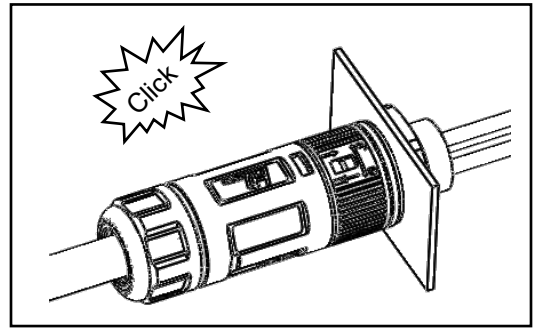


6. Complete the installation

Male & female butt (Panel Mount End)

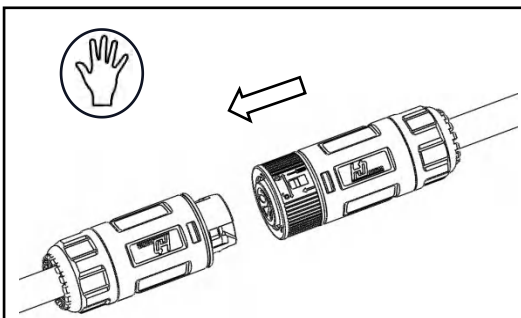


Follow the arrow to insert the female cable end connector

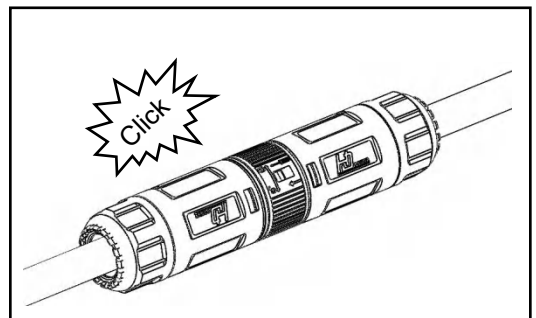


Complete the installation

Male & female connection (Cable end)



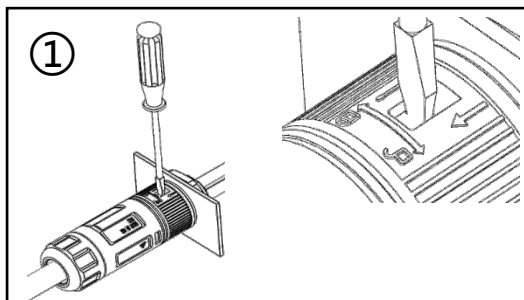
Follow the arrow to insert the female cable end connector



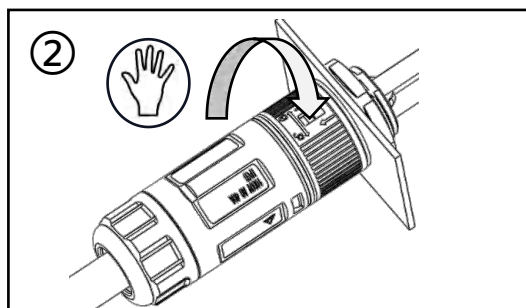
Complete the installation

Unlock Instructions

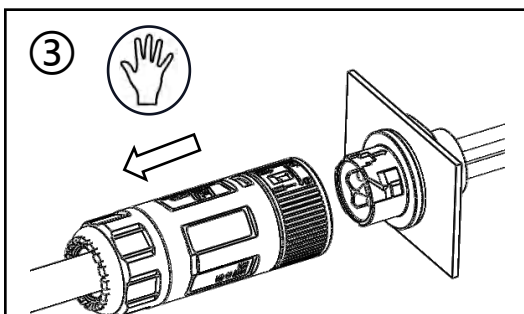
Unlock Steps(Panel Mount)



Use the slotted screwdriver to stir the buckle as shown (skip this step for non-tool unlock mode)

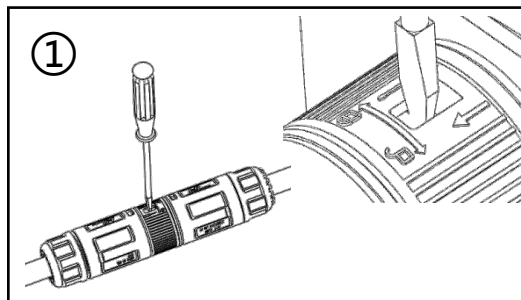


Rotate the latch as shown

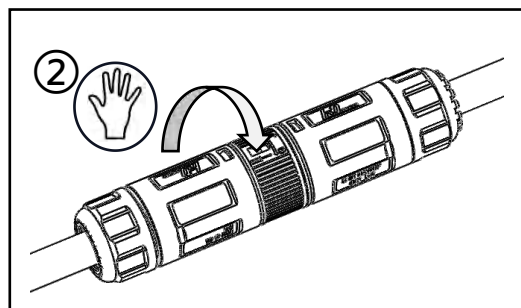


Remove the female cable end connector to unlock

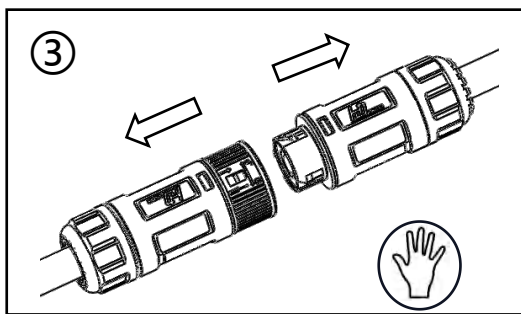
Unlock Steps(Cable End)



Use the slotted screwdriver to stir the buckle as shown (skip this step for non-tool unlock mode)



Rotate the latch as shown



Remove the male cable end connector and female cable end connector to unlock