

A4 Max Series



IEC 1500V
UL 1500V



IEC62852
UL 6703



-40 °C ~ 85 °C



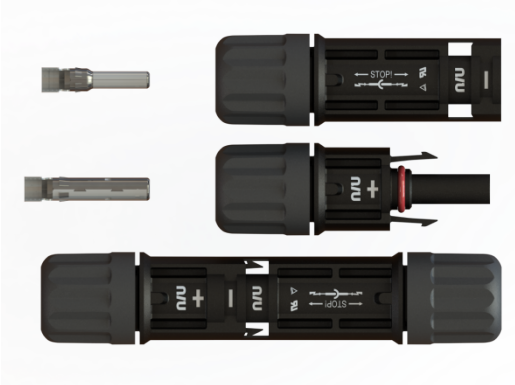
UL94-V0



IP 68

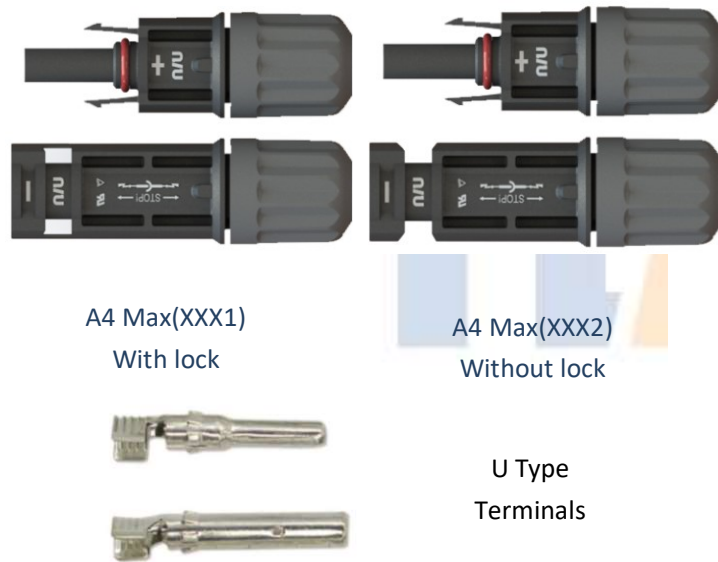


UV Resistance



Product Overview

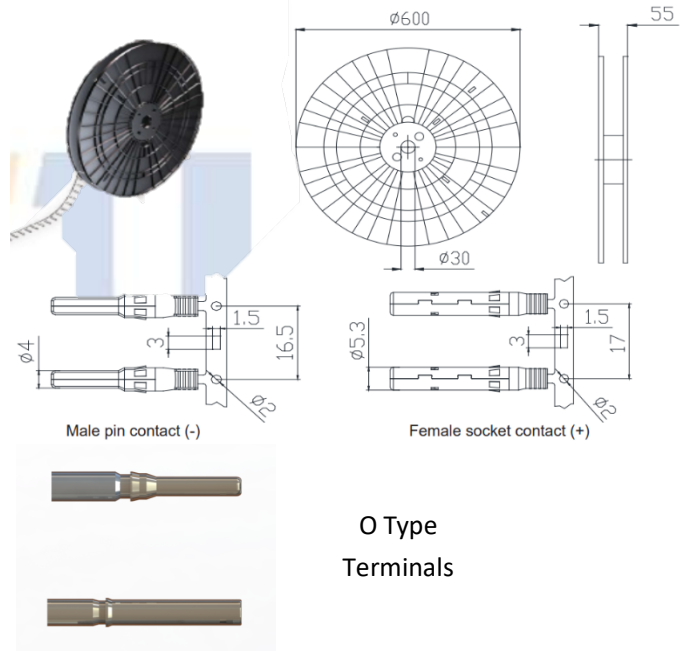
A4 Max Series connectors use high quality weather resistance materials that guarantee long-term reliability. A4 Max could match 2.5 mm² to 16mm² cables, it could be widely used in different applications. The lower contact resistance and higher current transfer capability ensure high product efficiency. A4 Max connectors have IP68 water-proof rating and can be used in a wide operating temperature range from -40 °C to 85 °C.



A4 Max(XXX1)
With lock

A4 Max(XXX2)
Without lock

U Type
Terminals





Technical Data

Rated Voltage	IEC 1500V & UL1500V
Certification	IEC 62852; UL 6703
Rated Current	Max 70A
Ambient Temp	-40°C up to +85°C
Contact Resistance	$\leq 0.25m\Omega$
Pollution Degree	Class II
Protection Degree	Class II
Fire Resistance	UL94-V0
Rated Impulse Voltage	16KV

Remark:The exposure to or direct contact with chemicals or oils of A4 products may cause corrosion, degradation of performance, or cracking of the product, thus such exposure or direct contact should be strictly prohibited during the process of product manufacturing, transportation, installation and application. The chemicals that may come into contact with or be used in the process above.

Order Data

Series Model	Components		Cable Spec	Rated Current	Rated Voltage	Remark
A4 Max 6111	Housings	A4-M6-1	OD:4.7mm~6.0mm	25A for 2.5mm ²	1500V	With NEC lock
		A4-F6				
	Terminals	A4-MU	14AWG / 2.5mm ²			
		A4-FU				
A4 Max 7121	Housings	A4-M7-1	OD: 5.5mm~6.9mm	35A for 4mm ² 40A for 6mm ²		
		A4-F7				
	Terminals	A4-MU	12AWG~10AWG/4mm ² ~6mm ²			
		A4-FU				
A4 Max 8121	Housings	A4-M8-1	OD:6.0mm~8.0mm	50A for 10mm ²		
		A4-F8				
	Terminals	A4-MU	12AWG~10AWG/4mm ² ~6mm ²			
		A4-FU				
A4 Max 9141	Housings	A4-M8-1	OD:6.0mm~8.0mm	70A for 16mm ² Or 6AWG		
		A4-F8				
	Terminals	A4-MO-10	8AWG/10mm ²			
		A4-FO-10				
A4 Max 10151-1	Housings	A4-M8-1	OD:6.0mm~8.5mm	70A for 16mm ² Or 6AWG		
		A4-F8				
	Terminals	A4-MO-16	6AWG/16mm ²			
		A4-FO-16				
A4 Max 10151-2	Housings	A4-M10-1	OD:8.5mm~9.3mm	70A for 16mm ² Or 6AWG		
		A4-F10				
	Terminals	A4-MO-16	6AWG/16mm ²			
		A4-FO-16				
Series Model	Components		Cable Spec	Rated Current	Rated Voltage	Remark
A4 Max 6112	Housings	A4-M6-2	OD:4.7mm~6.0mm	25A	1500V	Without NEC lock
		A4-F6				
	Terminals	A4-MU	14AWG / 2.5mm ²			
		A4-FU				
A4 Max 7122	Housings	A4-M7-2	OD: 5.5mm~6.9mm	35A for 4mm ² 40A for 6mm ²		
		A4-F7				
	Terminals	A4-MU	12AWG~10AWG/4mm ² ~6mm ²			
		A4-FU				
A4 Max 8122	Housings	A4-M8-2	OD:6.0mm~8.0mm	50A for 10mm ²		
		A4-F8				
	Terminals	A4-MU	12AWG~10AWG/4mm ² ~6mm ²			
		A4-FU				
A4 Max 9142	Housings	A4-M8-2	OD:6.0mm~8.0mm	50A for 10mm ²		
		A4-F8				
	Terminals	A4-MO-10	8AWG/10mm ²			
		A4-FO-10				
Name	IP Spec	PIC		Package		
Female Connector water proof Plug	IP65			500pcs/bag		
Male Connector water proof Plug	IP65			500pcs/bag		

Remark: Customized options available, for more information Please contact Helios Power Team .