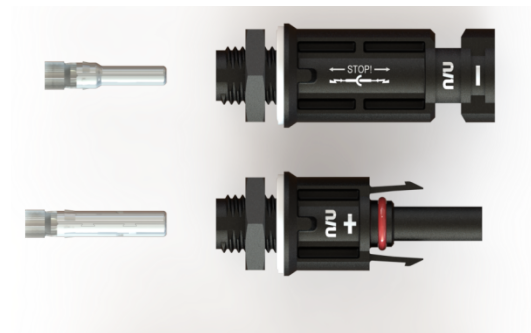


## A4 P Series



IEC 1500V  
UL 1500V



IEC62852  
UL 6703



-40℃~85℃



UL94-V0



IP 68



UV Resistance

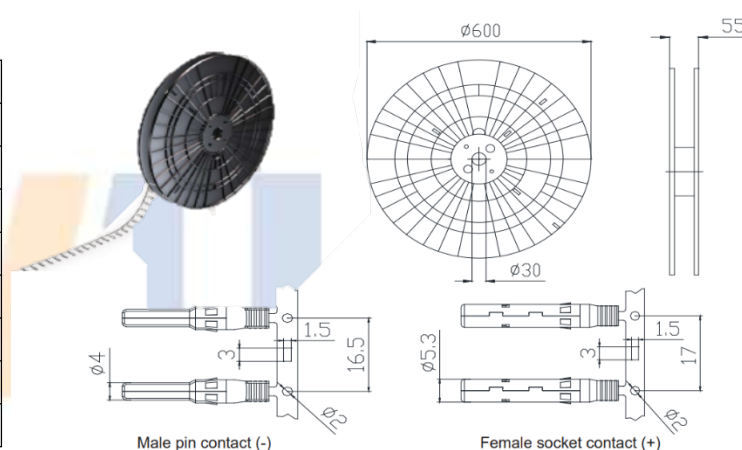


## Product Overview

A4 P Series connectors use high quality weather resistance materials that guarantee long-term reliability. A4 P could match 2.5 mm<sup>2</sup> to 16mm<sup>2</sup> cables, it could be widely used in different applications. The lower contact resistance and higher current transfer capability ensure high product efficiency. A4 P connectors have IP68 water-proof rating and can be used in a wide operating temperature range from -40 °C to 85 °C.

## Technical Data

Rated Voltage	IEC 1500V & UL1500V
Certification	IEC 62852; UL 6703
Rated Current	Max 70A
Ambient Temp	-40℃ up to +85℃
Contact Resistance	≤0.25mΩ
Pollution Degree	Class II
Protection Degree	Class II
Fire Resistance	UL94-V0
Rated Impulse Voltage	16KV



## Order Data

A4 Series Panel Connectors(Compatible with Staubli MC4 & EVO2)							
Part NO	Model	Components		Cable Spec	Current	Color	Remark
A4P021	A4 P 6112	Housings	A4-PM-12	OD:6.0mm~8.0mm	25A for 2.5mm²	Black	Compatible with Staubli MC4&EVO2
			A4-PF-12				
		Terminals	A4-MU	14AWG / 2.5mm²			
			A4-FU				
A4P022	A4 P 7122	Housings	A4-PM-12	OD:6.0mm~8.0mm	35A for 4mm²		
			A4-PF-12		40A for 6mm²		
		Terminals	A4-MU	12AWG~10AWG/4mm²~6mm²			
			A4-FU				
			A4-FU				
A4P025	A4 P 9142	Housings	A4-PM-12	OD:6.0mm~8.0mm	50A for 10mm²		
			A4-PF-12				
		Terminals	A4-MO-10	8AWG/10mm²			
			A4-FO-10				
A4P026	A4 P 10152	Housings	A4-PM-12	OD:6.0mm~8.0mm	70A for 16mm²		
			A4-PF-12				
		Terminals	A4-MO-16	6AWG/16mm²			
			A4-FO-16				

Remark: Customized options available, for more information, please contact NIU Power team: Marketing@niu-power.com.

