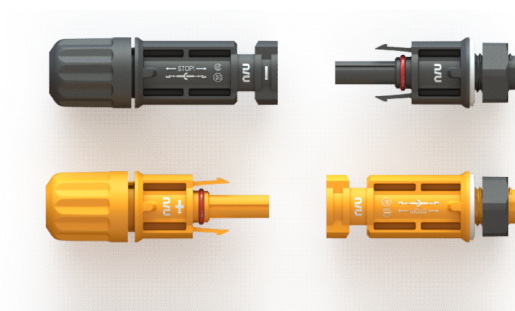


A4 Series(Galaxy)



IEC 1500V
UL 1500V



IEC62852
UL 6703



-40 °C ~ 85 °C



UL94-V0



IP 68



UV Resistance



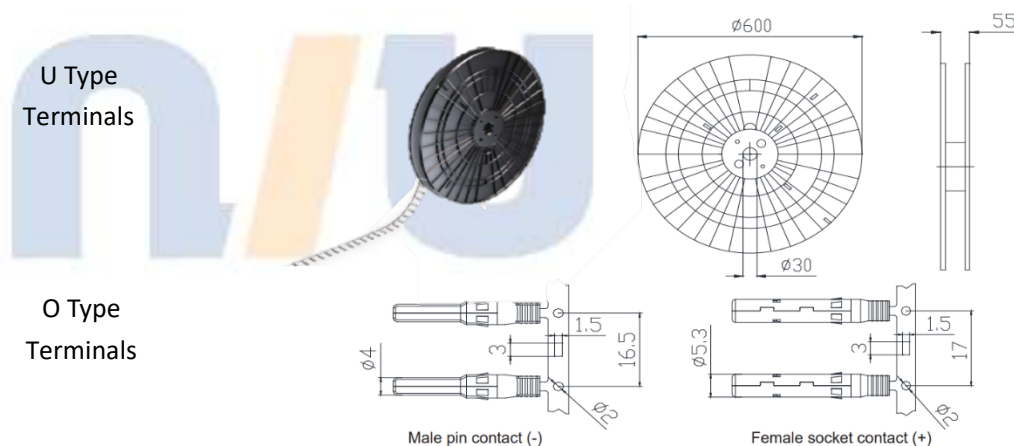
Product Overview

A4 P Galaxy Series connectors can't match with traditional Staubli MC4 and EVO2 series. Also they can't match each other for different color connectors. They use high quality weather resistance materials that guarantee long-term reliability. A4 P Galaxy 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 P Galaxy connectors have IP68 water-proof rating and can be used in a wide operating temperature range from -40 °C to 85 °C.



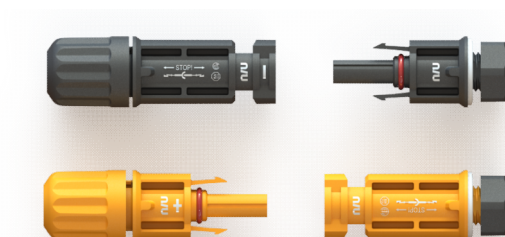
U Type
Terminals

O 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	$\leq 0.25\text{m}\Omega$
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

Part NO	Model	Components		Cable Spec	Color	Remark
A4G001	A4 P 6112-F-90-O	Male for panel	A4-PM-12-90	14AWG / 2.5mm ² OD:5.0mm~8.0mm	Orange	90° Keyway
			A4-MU		-	-
	A4 Max 6112-M-90-O	Female for cable	A4-F6-90		Orange	90° Keyway
			A4-FU		-	-
A4G002	A4 P 7112-F-90-O	Male for panel	A4-PM-12-90	12AWG~10AWG/4mm ² ~6mm ² OD:5.0mm~8.0mm	Orange	90° Keyway
			A4-MU		-	-
	A4 Max 7122-M-90-O	Female for cable	A4-F7-90		Orange	90° Keyway
			A4-FU		-	-
A4G003	A4 P 7112-F-90-O	Male for panel	A4-PM-12-90	8AWG/10mm ² OD:5.0mm~8.0mm	Orange	90° Keyway
			A4-MO-10		-	-
	A4 Max 9142-M-90-O	Female for cable	A4-F8-90	8AWG/10mm ² OD:5.0mm~8.0mm	Orange	90° Keyway
			A4-FO-10		-	-
A4G004	A4 P 7112-F-90-O	Male for panel	A4-PM-12-90	6AWG/16mm ² OD:5.0mm~8.0mm	Orange	90° Keyway
			A4-MO-16		-	-
	A4 Max 10152-M-90-O	Female for cable	A4-F10-90	6AWG/16mm ² OD:7.0mm~9.0mm	Orange	90° Keyway
			A4-FO-16		-	-
A4G005	A4 P 6112-F-30-B	Male for panel	A4-PM-12-30	14AWG / 2.5mm ² OD:5.0mm~8.0mm	Black	30° Keyway
			A4-MU		-	-
	A4 Max 6112-M-30-B	Female for cable	A4-F6-30		Black	30° Keyway
			A4-FU		-	-
A4G006	A4 P 7112-F-30-B	Male for panel	A4-PM-12-30	12AWG~10AWG/4mm ² ~6mm ² OD:5.0mm~8.0mm	Black	30° Keyway
			A4-MU		-	-
	A4 Max 7122-M-30-B	Female for cable	A4-F7-30		Black	30° Keyway
			A4-FU		-	-
A4G007	A4 P 7112-F-30-B	Male for panel	A4-PM-12-30	8AWG/10mm ² OD:5.0mm~8.0mm	Black	30° Keyway
			A4-MO-10		-	-
	A4 Max 9142-M-30-B	Female for cable	A4-F8-30	8AWG/10mm ² OD:5.0mm~8.0mm	Black	30° Keyway
			A4-FO-10		-	-
A4G008	A4 P 7112-F-30-B	Male for panel	A4-PM-12-30	6AWG/16mm ² OD:5.0mm~8.0mm	Black	30° Keyway
			A4-MO-16		-	-
	A4 Max 10152-M-30-B	Female for cable	A4-F10-30	6AWG/16mm ² OD:7.0mm~9.0mm	Black	30° Keyway
			A4-FO-16		-	-
Part NO	Name		IP Spec	PIC	Package	
A4C031	Female Connector water proof Plug		IP65		500pcs/bag	
A4C032	Male Connector water proof Plug		IP65		500pcs/bag	
A4C033	Female Connector dust proof Plug		IP51		500pcs/bag	
A4C034	Male Connector dust proof Plug		IP51		500pcs/bag	

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

