

A4-A for Aluminum Cables



IEC 1500V
UL 1500V



-40℃~85℃



IP 68



IEC62852
UL 6703



UL94-V0



UV Resistance



Product Overview

A4 A Series connectors use high quality weather resistance materials that guarantee long-term reliability. A4-A could match 6.0 mm² to 16mm² Al Alloy cables, it could be widely used in different applications. The lower contact resistance and higher current transfer capability ensure high product efficiency. A4-A 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

Part NO	Series Model	Components		Cable Spec	Rated Current	Voltage	Remark
A4A001	A4 A 7122	Housings	A4-A-M10	OD:6.0mm~8.0mm	30A for 6.0mm²	1500V	With NEC lock
			A4-A-F10				
		Terminals	A4-A-M10	10AWG~8AWG/6mm²~10mm²			
			A4-A-F10				
A4A002	A4 A 10015	Housings	A4-A-M16	OD:8.0mm~9.5mm	50A for 10mm²		
			A4-A-F16				
		Terminals	A4-A-M16	8AWG~6AWG/10mm²~16mm²			
			A4-A-F16				
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.

