


WS Welding Connectors

General Ratings

- **Voltage**
50 VAC Max
- **Amperage**
325A Continuous
500A Intermittent

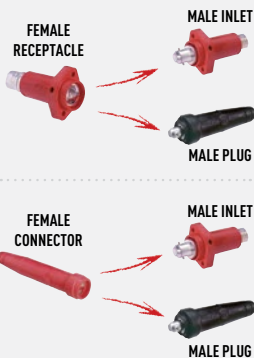
WS devices allow users to make fast and reliable connections of welding cables. Their spring-loaded silver contacts provide connections that are unaffected by cable movement or vibration and operate with a self-cleaning wiping action that ensures a reliable electrical connection every time.

Wiring Hole (in ²) (mm ²)	Current Interruption Capabilities		
	30% Duty	60% Duty	100% Duty
.025 16	150A	100A	75A
.047 30	200A	125A	100A
.062 40	250A	150A	125A
.078 50	300A	200A	150A
.116 75	350A	250A	200A
.155 100	400A	300A	250A
.186 120	450A	350A	275A
.233 150	500A	450A	325A

 The chart to the right is a guideline for wiring sizes based on duty cycles.

Application Note

Interchangeability



Receptacle Lug Type Connection (female)



Wiring Hole (in ²) (mm ²)	Type 2 200A	Type 3 300A
.025 16	4-2401-A	
.047 30	4-2401-B	
.062 40	4-2401-C	
.078 50	4-2401-D	4-3401-E
.116 75		4-3401-F
.155 100		4-3401-G

Inlet Lug Type Connection (male)



Wiring Hole (in ²) (mm ²)	Type 2 200A	Type 3 300A
.025 16	4-2901-A	
.047 30	4-2901-B	
.062 40	4-2901-C	
.078 50	4-2901-D	4-3901-E
.116 75		4-3901-F
.155 100		4-3901-G

Connector Crimp/Solder Connection (female)



Wiring Hole (in ²) (mm ²)	Type 2 200A	Type 3 300A
.025 16	4-2301-A	
.047 30	4-2301-B	
.062 40	4-2301-C	
.078 50	4-2301-D	4-3301-E
.116 75		4-3301-F
.155 100		4-3301-G

Plug Crimp/Solder Connection (male)



Wiring Hole (in ²) (mm ²)	Type 2 200A	Type 3 300A
.025 16	4-0201-A	
.047 30	4-0201-B	
.062 40	4-0201-C	
.078 50	4-0201-D	4-0301-E
.116 75		4-0301-F
.155 100		4-0301-G