


WS Welding Connectors

General Ratings

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

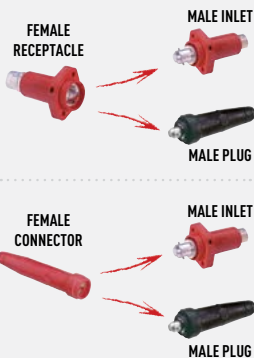
WS devices allow users to make fast and reliable connections of welding cables. Their spring-loaded silver contacts provide connections that are unaffected by cable movement or vibration and operate with a self-cleaning wiping action that ensures a reliable electrical connection every time.

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

 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 2 200 A	Type 3 300 A
.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 2 200 A	Type 3 300 A
.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 2 200 A	Type 3 300 A
.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 2 200 A	Type 3 300 A
.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