


# WS Welding Connectors

## General Ratings

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

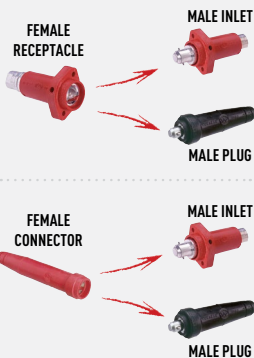
WS devices allow users to make fast and reliable connections of welding cables. Their spring-loaded silver contacts provide connections that are unaffected by cable movement or vibration and operate with a self-cleaning wiping action that ensures a reliable electrical connection every time.

Wiring Hole (in <sup>2</sup> ) (mm <sup>2</sup> )	Current Interruption Capabilities		
	30% Duty	60% Duty	100% Duty
.025 16	150 A	100 A	75 A
.039 25	200 A	125 A	100 A
.054 35	250 A	150 A	125 A
.078 50	300 A	200 A	150 A
.109 70	350 A	250 A	200 A
.147 95	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 <sup>2</sup> ) (mm <sup>2</sup> )	Type 2 200 A	Type 3 300 A
.025 16	4-2401-A	
.039 25	4-2401-B	
.054 35	4-2401-C	
.078 50	4-2401-D	4-3401-E
.109 70		4-3401-F
.147 95		4-3401-G

## Inlet Lug Type Connection (male)



Wiring Hole (in <sup>2</sup> ) (mm <sup>2</sup> )	Type 2 200 A	Type 3 300 A
.025 16	4-2901-A	
.039 25	4-2901-B	
.054 35	4-2901-C	
.078 50	4-2901-D	4-3901-E
.109 70		4-3901-F
.147 95		4-3901-G

## Connector Crimp/Solder Connection (female)



Wiring Hole (in <sup>2</sup> ) (mm <sup>2</sup> )	Type 2 200 A	Type 3 300 A
.025 16	4-2301-A	
.039 25	4-2301-B	
.054 35	4-2301-C	
.078 50	4-2301-D	4-3301-E
.109 70		4-3301-F
.147 95		4-3301-G

## Plug Crimp/Solder Connection (male)



Wiring Hole (in <sup>2</sup> ) (mm <sup>2</sup> )	Type 2 200 A	Type 3 300 A
.025 16	4-0201-A	
.039 25	4-0201-B	
.054 35	4-0201-C	
.078 50	4-0201-D	4-0301-E
.109 70		4-0301-F
.147 95		4-0301-G