

# SSW900F0820T5E3B Cut Sheet



WEG Electric SSW900 series full-featured soft starter, 820A, 220-575 VAC at 3-phase, Trip Class 10/20/30, rated for 5 start/hour, internally bypassed, F frame. Optional communication and RTD cards available.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/SSW900F0820T5E3B>

## Technical Specifications

<b>Brand</b>	WEG Electric
<b>Item</b>	Soft starter
<b>Controller Type</b>	Full-featured
<b>Series</b>	SSW900
<b>Amperage Rating</b>	820A
<b>Nominal Input Voltage</b>	220-240 VAC/440-480 VAC/575 VAC
<b>Nominal Output Voltage</b>	220-240 VAC/440-480 VAC/575 VAC
<b>Trip Class</b>	Trip Class 10/20/30
<b>Starts per Hour</b>	5
<b>Internally Bypassed</b>	Yes
<b>Number of Input Phases</b>	3
<b>Number of Output Phases</b>	3
<b>Number of Controlled Output Phases</b>	3
<b>Control Mode</b>	Sinusoidal
<b>Control Power Requirement</b>	110-130 VAC
<b>Communication Port and Connection Type(s)</b>	(1) miniB-USB
<b>Port Protocol(s)</b>	programming and monitoring
<b>Port Speed(s)</b>	up to 38.4k baud

<b>Derating</b>	Unit may require derating for applications other than fans and pumps; see specifications for appropriate derating
<b>Temperature Rating</b>	-10 to 40 deg C
<b>Enclosure Type</b>	Open
<b>Mounting</b>	Panel or wall
<b>Frame Size</b>	F
<b>IP Rating</b>	IP00
<b>Output Frequency Range</b>	50-60 Hz
<b>Output Type</b>	SCR output
<b>Reverse Capability</b>	None
<b>SCCR Rating</b>	65kA SCCR
<b>Additional Information</b>	Optional communication and RTD cards available
<b>Dangerous Goods</b>	<ul style="list-style-type: none"><li>• Battery Installed: Yes</li><li>• Packaging Instructions: 970</li><li>• UN Number: UN3091</li><li>• Hazard Type: Lithium Batteries</li><li>• Battery Type: Button</li><li>• Lithium Content: 0.07</li><li>• Replacement Battery: CR2032</li><li>• Generic Battery: CR2032</li></ul>

## Agency Approvals

<b>UL Listed File #</b>	E198842
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/SSW900F0820T5E3B.pdf>  
See store item page for other formats.