

# SR55-077 Cut Sheet



Stellar SR55 series full-featured soft starter, 77A, 200-480 VAC at 3-phase, Trip Class 10/20/30, rated for 5 start/hour, internally bypassed, 1 frame. Optional EtherNet/IP and Modbus TCP cards available.

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



<https://www.automationdirect.com/pn/SR55-077>

## Technical Specifications

<b>Brand</b>	Stellar
<b>Item</b>	Soft starter
<b>Controller Type</b>	Full-featured
<b>Series</b>	SR55
<b>Amperage Rating</b>	77A
<b>Nominal Input Voltage</b>	208 VAC/220-240 VAC/440-480 VAC
<b>Nominal Output Voltage</b>	208 VAC/220-240 VAC/440-480 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>	24 VDC and 110 VAC or 230 VAC
<b>Communication Port and Connection Type(s)</b>	(1) RS-485 (RJ12)
<b>Port Protocol(s)</b>	Modbus RTU
<b>Port Speed(s)</b>	up to 115.2k baud

<b>Derating</b>	Unit may require derating for applications other than fans and pumps; see specifications for appropriate derating
<b>Temperature Rating</b>	-20 to 50 deg C
<b>Enclosure Type</b>	Open or enclosed
<b>Mounting</b>	Panel
<b>Frame Size</b>	1
<b>IP Rating</b>	IP00 and IP20
<b>Output Frequency Range</b>	0-60 Hz
<b>Output Type</b>	SCR output
<b>Reverse Capability</b>	None
<b>SCCR Rating</b>	10kA SCCR
<b>Additional Information</b>	Optional EtherNet/IP and Modbus TCP 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: 0.04</li><li>• Replacement Battery: BR1632</li><li>• Generic Battery: BR1632</li></ul>

## Agency Approvals

<b>UL Listed File #</b>	ETL
<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>	ETL
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>
<b>Other</b>	<a href="#">Link to ETL Website</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/SR55-077.pdf>  
See store item page for other formats.