



NO: SD-071 **PRODUCT:** S8VS Power Supplies
DATE: January 2013 **TYPE:** Modification Notice

S8VS Power Supplies Labels Modified--15W, 30W Models

Remove UL1604 Marking, Changes to Inrush Current, Input Voltage

Effective Date: December 2011 production

Reasons for Modification:

UL discontinued the UL1604 rating for products used in hazardous environments. Product labeling was changed to reflect current safety ratings.

Omron revised the safety standards, specifications and material of DIN track mount in a redesign to make S8VS more efficient to manufacture. These modifications affected ratings for inrush current and input voltage. Also, the color of the DIN track mount changed.



Affected Parts

Models	Product description
S8VS-01505	AC100-240V, DC5V, 15W
S8VS-01512	AC100-240V, DC12V, 15W
S8VS-01524	AC100-240V, DC24V, 15W
S8VS-03005	AC100-240V, DC5V, 30W
S8VS-03012	AC100-240V, DC12V, 30W
S8VS-03024	AC100-240V, DC24V, 30W



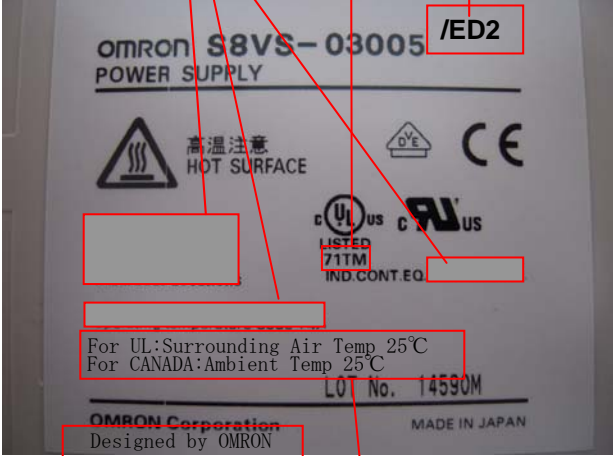
See details of the modifications below and on the following pages.


Changes

Safety Standards

Before the change	➔	After the change
UL1604 (Class I/Division 2) cUL: CSA C22.2 No213 (Class I/Division 2) cUL: CSA C22.2 No.14		- Not available cUL: CSA C22.2 No.107.1

Modification Detail continued

Before the change	After the change
<p>Appearance (Front label)</p> 	<p>“Class2 Power Supply” is changed to “Class2 Output”</p>
<p>Appearance (Side label)</p> 	<p>Change UL control number</p> <p>Delete the sentence for UL1604 cancellation</p> <p>Added to “ED2”</p>  <p>Added “Designed by OMRON”</p> <p>Added to temperature for UL, CSA application</p> <ul style="list-style-type: none"> - Changing to UL control number, from “71TM” to “3RJT” - Added: “/ED2” ”For UL: Surrounding Air Temp 25°C For CANADA: Ambient Temp 25°C” ”Designed by OMRON” - Deleted other sentence for UL1604 cancellation

Before the change	➔	After the change
<p>Appearance (Back-side DIN rail mounting)</p> <p>The color of the material: Yellow</p> 		<p>Non-colored material is used. Its quality remains the same.</p>

Specifications

Before the change	➔	After the change
<p>Inrush current</p> <p>25 A max. (100 VAC) 50 A max. (200 VAC)</p>		<p>17.5 A max. (100 VAC) 35 A max. (200 VAC)</p>
<p>Start-up time Applicable Model: only 15W</p> <p>100 ms max.</p>		<p>1000 ms max. *As same as 30W models</p>
<p>Overload protection Applicable Model: only 15W inward-sloping voltage drop</p>		<p>inverted L voltage drop, intermittent operation, *As same as 30W models</p>
<p>Overvoltage protection Applicable Model: only 15W (a zener diode clamp)</p>		<p>Turn OFF the input power for three minutes or longer and then turn it back ON.</p>