



**NO:** SD-069      **PRODUCT:** S8TS Power Supplies  
**DATE:** January 2013      **TYPE:** Modification Notice

## S8TS Power Supplies Labels Modified

Remove UL1604 Marking; Changes to Inrush Current, Input Voltage, Indicator Intensity

### Reasons for Modification:

UL discontinued the UL1604 rating for products used in hazardous environments. Additional UL508 sub-ratings were obtained. Product labeling was changed to reflect current safety ratings.

Omron revised the safety standards, specifications and electric parts in a redesign to make S8TS more efficient to manufacture. These modifications affected ratings for inrush current and input voltage. Also, indicator intensity was increased for better visibility.



### Affected Parts

Model	Date Modified
S8TS-02505	July 2011
S8TS-02505F	July 2011
S8TS-03012	July 2011
S8TS-03012-E1	July 2011
S8TS-03012F	July 2011
S8TS-03012F-E1	July 2011
S8TS-06024	July 2011
S8TS-06024-E1	July 2011
S8TS-06024F	July 2011
S8TS-06024F-E1	July 2011
S8T-DCBU-01	August 2012
S8T-DCBU-02	August 2012
S8T-DCBU-02-601	August 2012



S8T-DCBU-01

See below and the following pages for details of the change.

## Changes

### Safety Standards

Before the change	After the change
UL508 (Listing) Class 2 (per UL1310)	06024□: UL508 (Listing) Class 2 (per UL1310) 03012□, 02505□: UL508 (Listing)
UL1604	Not certified
cUL: CSA C22.2 No.14	06024□: cUL: CSA C22.2 No.107.1 Class2 03012□, 02505□: cUL: CSA C22.2 No.107.1
EN60950-1 is not acquired from December, 2010 as of our production.	EN60950-1 is acquired

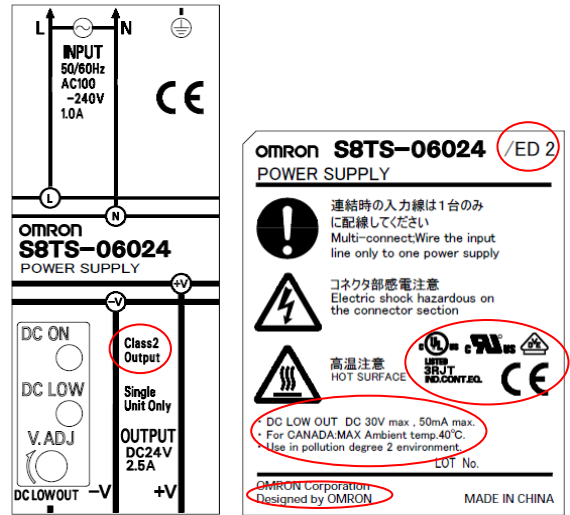
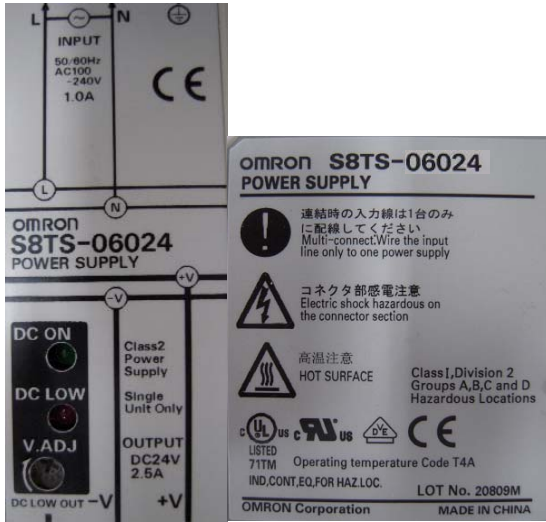
# Labels

Before



After

## Contents of labels

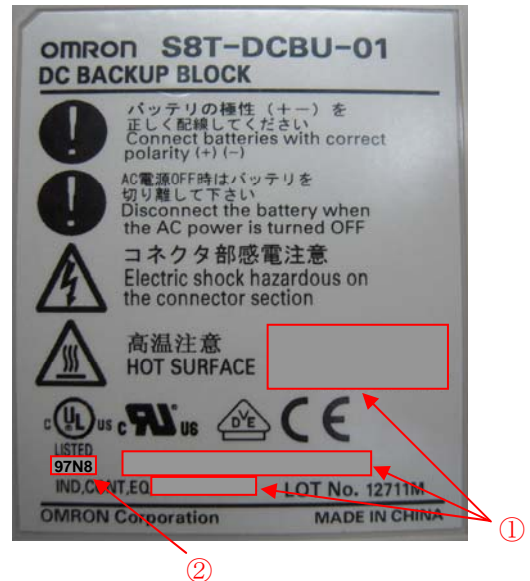


※Material is not changed.

- ① Description as for UL1604: print
- ② UL control number: 71TM

- ① Description as for UL1604: delete
- ② UL control number: 97N8

## S8T-DCBU-01







Before	➔	After
① Description as for UL1604: print ② UL control number: 71TM  <b>S8T-DCBU-02</b>  		① Description as for UL1604: delete ② UL control number: 97N8  

### Specifications

Before	➔	After
<b>S8TS</b> Inrush current 25 A × (Number of connected in parallel) or below (100 VAC)  50 A × (Number of connected in parallel) or below (200 VAC)		17.5 A × (Number of connected in parallel) or below (100 VAC)  35 A × (Number of connected in parallel) or below (200 VAC)
Range of input voltage 85~264 VAC		85~264 VAC, 80V~370 VDC (Notes about DC input) <ul style="list-style-type: none"> <li>• Certificate condition of safety standards is AC100-240V.</li> <li>• Please connect “+” wire to L terminal.</li> <li>• When using at 80~100 VDC, derate the input voltage 20% max.</li> </ul>

# Indicators

Before		➔	After	
LED (green and red) < Normal state >      < DC LOW state >				
				
Both LEDs are a little brighter.				