

NO: CT-023 **PRODUCT:** H7HP Counter/Timer
DATE: December 2014 **TYPE:** Modification Notice

H7HP Counter/Timer Series Modified to Improve Quality

Changes to instruction manual, UL508 certification condition, internal PCB

Effective date: March 2015 production

Reasons for modification: To improve automation of the internal PCB assembly, the layout was changed for simpler manufacturing. Changes to the internal PCB do not affect specifications or performance. To conform to recent UL508 requirements, the instruction manual was consolidated into a one document and the ambient operating temperature was lowered.



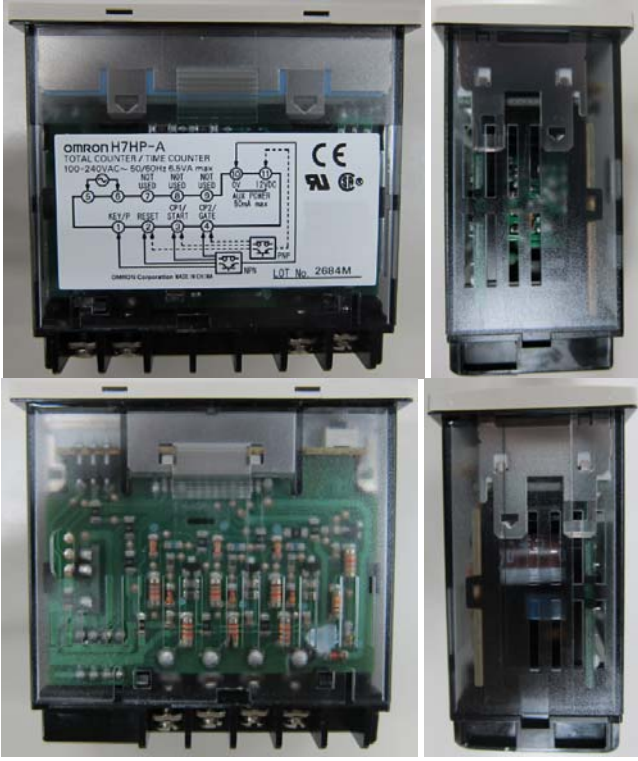
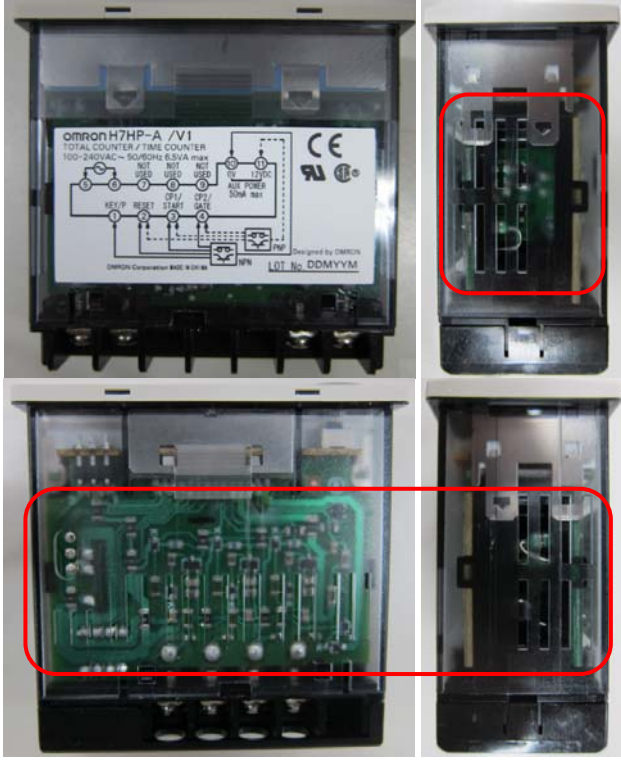
Affected Parts

Models	Specification
Model H7HP-C8	AC100-240V
Model H7HP-C8D	DC12-24V
Model H7HP-C8B	AC100-240V
Model H7HP-C8DB	DC12-24V
Model H7HP-A	AC100-240V
Model H7HP-AD	DC12-24V
Model H7HP-AB	AC100-240V
Model H7HP-ADB	DC12-24V

See the following pages for change details.

Changes

Internal PCB Layout

Before the change	After the change
<p data-bbox="105 247 625 279">Appearance (modification of PCB layout)</p> 	<p data-bbox="812 247 1331 279">Appearance (modification of PCB layout)</p> <p data-bbox="836 279 1388 336">There is no effect on product specification and characteristics.</p> 

Ambient Temperature for UL508 Certification

Before the change	After the change
<p data-bbox="105 1352 730 1409">UL508 certification ambient temperature is 40°C (for H7HP-A, H7HP-AB, H7HP-C8, H7HP-C8B)</p>	<p data-bbox="812 1352 1437 1409">UL508 certification ambient temperature is 30°C (for H7HP-A, H7HP-AB, H7HP-C8, H7HP-C8B)</p>

Main Label

Before the change	After the change
<p>① Change Lot No. DDMYM DD: Production date 01-31 M: Production month 1-9, X, Y, Z (X=10, Y=11, Z=12) Y: Production year, last one digit of the dominical year. M: Identification mark of factory.</p>	<p>① Change Lot No. DDMYYM DD: Production date 01-31 M: Production month 1-9, X, Y, Z (X=10, Y=11, Z=12) YY: Production year, last two digit of the dominical year. M: Identification mark of factory.</p> <p>② Add content “Design by OMRON” ③ Add discrimination code for UL508</p> <ul style="list-style-type: none"> •①② for all types ③ for H7HP-A, H7HP-AB, H7HP-C8, H7HP-C8B

Packing Label

Before the change	After the change
<p>•Change Lot No. DDMYM DD: Production date 01-31 M: Production month 1-9, X, Y, Z (X=10, Y=11, Z=12) Y: Production year, last one digit of the dominical year. M: Identification mark of factory.</p>	<p>•Change Lot No. DDMYYM DD: Production date 01-31 M: Production month 1-9, X, Y, Z (X=10, Y=11, Z=12) YY: Production year, last two digit of the dominical year. M: Identification mark of factory.</p> <p>•Add content “Design by OMRON”</p>

Instruction Manual

Before the change	After the change						
<p>Pieces packed with product: 5 pieces</p> <ol style="list-style-type: none"> 1. Instruction manual 2. Briefing sheet "Suitability of Use". 3. Briefing sheet "Conformance to EC Directives". 4. Briefing sheet "Conformance to Safety Standard". 5. Briefing sheet "Supplementary Information: Conformity to Safety Standards (To conform to IEC/EN Standards)". 	<p>Pieces packed with product: 1 piece</p> <p>Instruction manual</p> <p>*Following No.2-5 will be included in the instruction manual.</p> <p>*Additional description about product safety, etc.</p> <p>*Additional description about UL508 certification condition:</p> <table border="1" data-bbox="857 380 1450 527"> <tr> <td colspan="2">UL508 certification conditions</td> </tr> <tr> <td>• Power supply 100 to 240 VAC types</td> <td>Ambient temperature 30°C Single mounting</td> </tr> <tr> <td>• Power supply 12 to 24 VDC types</td> <td>Ambient temperature 40°C Single mounting</td> </tr> </table>	UL508 certification conditions		• Power supply 100 to 240 VAC types	Ambient temperature 30°C Single mounting	• Power supply 12 to 24 VDC types	Ambient temperature 40°C Single mounting
UL508 certification conditions							
• Power supply 100 to 240 VAC types	Ambient temperature 30°C Single mounting						
• Power supply 12 to 24 VDC types	Ambient temperature 40°C Single mounting						

Specifications in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.