

Specification change for UL 489 Listed MCCB and ELCB

We would like to inform that we will change the specification for UL 489 Listed MCCB and ELCB.

1. Types

Molded Case Circuit Breakers	NF50-SMU, NF50-SVFU, NF100-CVFU, NF125-SVU/HVU, NF250-CVU/SVU/HVU, NF400-SWU/HWU, NF630-SWU/HWU, NF100-SRU/HRU
Earth Leakage Circuit Breakers	NV50-SVFU, NV100-CVFU, NV125-SVU/HVU, NV250-CVU/SVU/HVU, NV400-SWU/HWU, NV100-SRU/HRU

2. Content of change

(1) To add or change notes regarding the use of 3-pole single-phase circuits.

Series	Types		Added or changed	
	MCCB	ELCB	MCCB	ELCB
SMU	NF50-SMU	-	Added	-
WS-V	NF50-SVFU	NV50-SVFU	Added	Changed
	NF100-CVFU	NV100-CVFU	Added	Changed
	NF125-SVU/HVU	NV125-SVU/HVU	Added	Changed
	NF250-CVU/SVU/HVU	NV250-CVU/SVU/HVU	Added	Changed
WS	NF400-SWU/HWU	NV400-SWU/HWU	Added	Changed
	NF630-SWU/HWU	-	Added	-
SRU/HRU	NF100-SRU/HRU	NV100-SRU/HRU	Added	Changed

(2) To remove the laser marking name plate for NV100-SRU/HRU 3-pole and directly laser-mark on the cover.

(3) To remove the CCC marking name plate for NF50-SMU main unit and put CCC marking on the rated name plate.

Please refer to the next page for details.

3. Reason for change

(1) In accordance with the change in UL489 9.1.1.24, marking on the main body is mandatory when using a 3-pole product in a single-phase application.

(2) To improve productivity.

(3) To improve productivity.

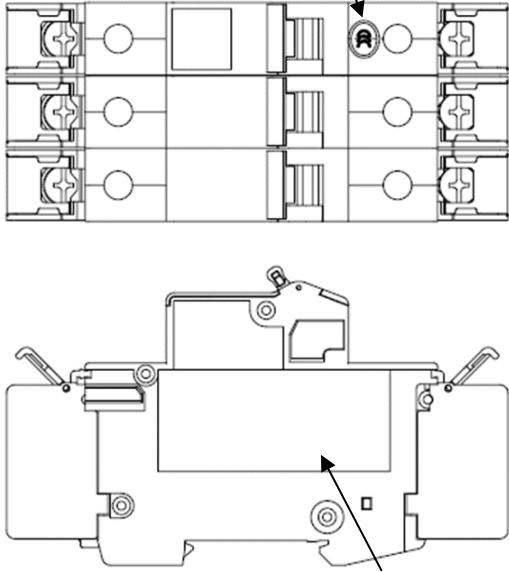

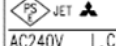


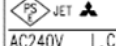

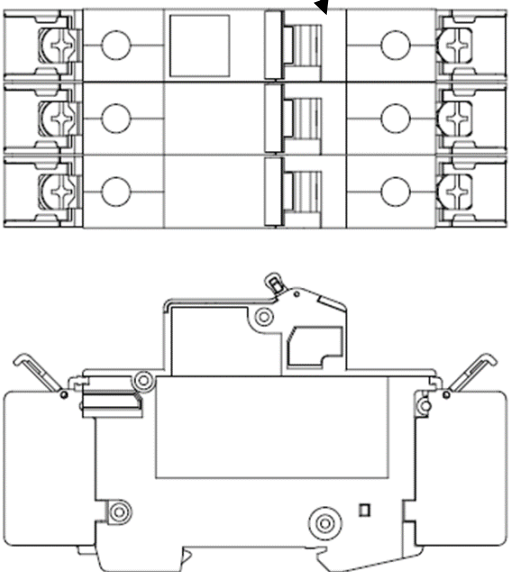







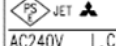




4. Time of change

From production in November 2021.

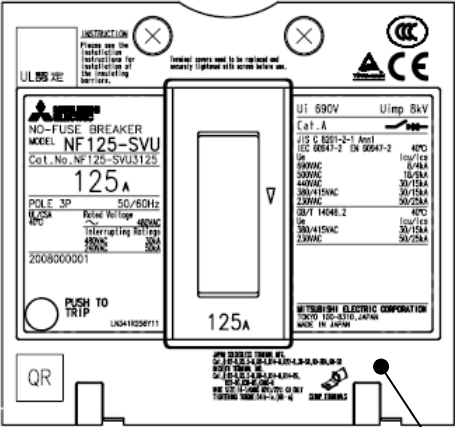
Please bear in mind that the exact start of production may change due to stock condition.

<UL 489 Listed Molded Case Circuit Breakers: Content of changes>

1) SMU series

Model name # of poles	Before	After										
<p>e.g. NF50- SMU 3P</p>	<p style="text-align: center;">CCC marking name plate</p>  <p style="text-align: center;">Side name plate</p> <p style="text-align: center;">Contents of the side name plate</p> <table border="1" data-bbox="316 936 836 1155"> <tr> <td rowspan="2">  NO-FUSE BREAKER  AC240V I.C. 10kA 35 A POLE 3P 50/60Hz Uimp 6kV Cat. A </td> <td> IEC 60947-2 30°C EN 60947-2 GB/T 14048.2 JIS C 8201-2-1 Ann1 Ue lcu/lcs 400VAC 10/7.5kA </td> <td> UL/CSA 40°C 75°C WIRE #18-#4AWG CU ONLY 16AWG for 10A 18AWG for 7A TORQUE 2N·m Interrupting Ratings 240V~10kA </td> </tr> <tr> <td colspan="2" style="text-align: center;">  LN338N318-57 MITSUBISHI ELECTRIC TOKYO 100-8310, JAPAN </td> </tr> </table>	 NO-FUSE BREAKER  AC240V I.C. 10kA 35 A POLE 3P 50/60Hz Uimp 6kV Cat. A	IEC 60947-2 30°C EN 60947-2 GB/T 14048.2 JIS C 8201-2-1 Ann1 Ue lcu/lcs 400VAC 10/7.5kA	UL/CSA 40°C 75°C WIRE #18-#4AWG CU ONLY 16AWG for 10A 18AWG for 7A TORQUE 2N·m Interrupting Ratings 240V~10kA	 LN338N318-57 MITSUBISHI ELECTRIC TOKYO 100-8310, JAPAN		<p style="text-align: center;">CCC marking name plate removed</p>  <p style="text-align: center;">CCC marking added</p> <table border="1" data-bbox="887 936 1433 1155"> <tr> <td rowspan="2">  NO-FUSE BREAKER  AC240V I.C. 10kA 35 A POLE 3P 50/60Hz Uimp 6kV Cat. A </td> <td> IEC 60947-2 30°C EN 60947-2 GB/T 14048.2 JIS C 8201-2-1 Ann1 Ue lcu/lcs 400VAC 10/7.5kA </td> <td> UL/CSA 40°C 75°C WIRE #18-#4AWG CU ONLY 16AWG for 10A 18AWG for 7A TORQUE 2N·m Interrupting Ratings 240V~10kA Suitable for use in single phase applications up to 240V by using outside poles </td> </tr> <tr> <td colspan="2" style="text-align: center;">  LN338N318N57 MITSUBISHI ELECTRIC TOKYO 100-8310, JAPAN </td> </tr> </table> <p>Notes added Suitable for use in single phase applications up to ___ V by using outside poles. * ___ V is the maximum applicable voltage.</p>	 NO-FUSE BREAKER  AC240V I.C. 10kA 35 A POLE 3P 50/60Hz Uimp 6kV Cat. A	IEC 60947-2 30°C EN 60947-2 GB/T 14048.2 JIS C 8201-2-1 Ann1 Ue lcu/lcs 400VAC 10/7.5kA	UL/CSA 40°C 75°C WIRE #18-#4AWG CU ONLY 16AWG for 10A 18AWG for 7A TORQUE 2N·m Interrupting Ratings 240V~10kA Suitable for use in single phase applications up to 240V by using outside poles	 LN338N318N57 MITSUBISHI ELECTRIC TOKYO 100-8310, JAPAN	
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2) WS-V series, WS series, SRU/HRU series

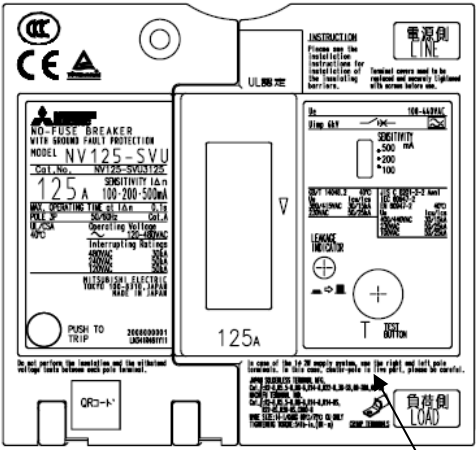
Model name # of poles	Display	Changes
<p>e.g. NF125- SVU 3P</p>	 <p style="text-align: center;">Notes added</p>	<p>Notes added Suitable for use in single phase applications up to ___ V by using outside poles. * ___ V is the maximum applicable voltage.</p>

Remarks 1) QR code is a registered trademark of Denso Wave Incorporated.

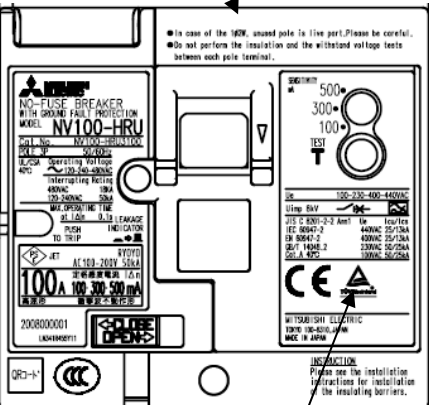
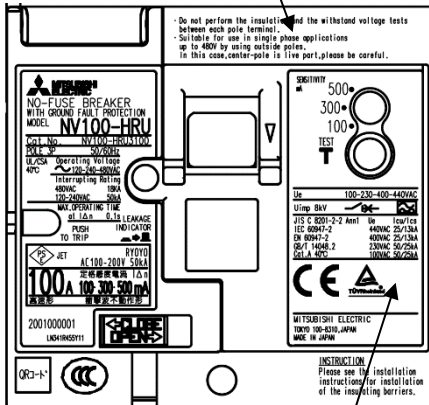
2) The notes for each model are the same, but the display position is different.

<UL 489 Listed Earth Leakage Circuit Breakers: Content of changes>

1)WS-V series, WS series

Model name # of poles	Display	Changes
<p>e.g. NV125-SVU 3P</p>	 <p>Notes changed</p>	<p>Notes changed</p> <p>■Before In case of the 1φ2W supply system, use the right and left pole terminals. In this case, center-pole is live part, Please be careful.</p> <p>↓</p> <p>■After Suitable for use in single phase applications up to ___ V by using outside poles. In this case, center-pole is live part, Please be careful. ※___ V is the maximum applicable voltage.</p>

2)SRU/HRU series

Model name # of poles	Before	After
<p>e.g. NV100-HRU 3P</p>	<p>Notes changed</p> <p>■Before In case of the 1φ2W, unused pole is live part, Please be careful.</p>  <p>Laser marking (with name plate)</p>	<p>Notes changed</p> <p>■After Suitable for use in single phase applications up to ___ V by using outside poles. In this case, center-pole is live part, Please be careful. ※___ V is the maximum applicable voltage.</p>  <p>Laser marking directly on the cover</p>

Remarks 1) QR code is a registered trademark of Denso Wave Incorporated.

2) The notes for each model are the same, but the display position is different.

In addition, the display position may change due to changes in the contents of the note.