

**NO:** PH-191      **PRODUCT:** E3NX-FA Fiber-Optic Sensors  
**DATE:** September 2014      **TYPE:** Modification Notice

## E3NX-FA Fiber-Optic Amplifiers Modified for Safety Markings

*Select models will be marked UL Certified and "S-mark"*

**Effective Date:** September 2014 production

**Reason for Modification:** To display new safety markings for UL certification and S-mark.



The enhanced UL Certification Mark now bundles multiple Certifications into a single Mark; utilizes a unique identifier for easier access to information at [www.ul.com/database](http://www.ul.com/database); communicates geographic scope of certification through country codes; and describes the attributes that UL has Certified about a product.



The S-mark demonstrates compliance with legal European electrical safety requirements through third-party testing. The S-Mark carries the same weight in Korea as the CE-Mark does in Europe. It is used by KOSHA (Korean Occupational Safety and Health body).





### Affected Parts

Part number	Description	UL certification	S-mark
E3NX-FA11 2M	Pre-wired type	Yes	Yes
E3NX-FA41 2M	Pre-wired type	Yes	No
E3NX-FA21 2M	Pre-wired type	Yes	Yes
E3NX-FA51 2M	Pre-wired type	Yes	No
E3NX-FA0	Network unit type	Yes	Yes
E3NX-FA6	Wire-saving connector type	No	Yes
E3NX-FA7	Wire-saving connector type	No	Yes
E3NX-FA7TW	Wire-saving connector type	No	Yes

### Reference Documentation

Description	Media	Publication Number
E3NX-FA Data Sheet	PDF	<a href="#">E68I-E-01</a>

## Detail of Differences

Before the change	After the change
<p data-bbox="107 226 263 256">[Name Plate]</p> <p data-bbox="165 289 454 319">No UL standards display</p>  <p>The image shows a dark grey nameplate with a large 'CE' mark on the left. To its right, the text reads 'Designed by OMRON' and 'MADE IN CHINA'. Below the 'CE' mark is a small square cutout and a larger rectangular cutout.</p>	<p data-bbox="847 289 1094 319">UL standards display</p>  <p>The image shows the same nameplate as before, but with a red box highlighting a new UL certification mark. The mark consists of a circle with 'UL' inside, followed by the text 'CERTIFIED', 'SAFETY US-CA', and 'E196555'. To the right of this box, the text 'IND. CONT. EQ.' is visible. Below the UL mark, the text 'Designed by OMRON' and 'DDMYYM OMRON Corporation' are present. 'MADE IN CHINA' is also visible on the right side.</p>
<p data-bbox="107 718 341 747">[Instruction sheet]</p> <p data-bbox="107 747 571 777">Contained no notes about UL standard.</p>	<p data-bbox="789 718 1023 747">[Instruction sheet]</p> <p data-bbox="789 747 1218 777">Notes about UL standard are added.</p> <p data-bbox="789 810 1091 840">Precautions for Safe Use.</p> <p data-bbox="789 873 1455 1020">These sensors are certified by UL standards on the assumption of usage in a "class 2 circuit". Please use an input and output with the same Class 2 source in the United States or Canada. The current rating of overcurrent protection is 2A max.</p> <p data-bbox="789 1054 1373 1117">It is certified as an open type. The sensor shall be installed within an enclosure.</p>
<p data-bbox="107 1150 487 1180">[Label for Individual Package]</p> <p data-bbox="107 1209 451 1239">No S-mark standards display</p>  <p>The image shows a white label for a photoelectric switch. It includes fields for 'TYPE PHOTOELECTRIC SWITCH', 'VOLTS', and 'QTY. 1'. There is a 'LOT No.' field with a small square next to it. A barcode is present with the numbers '4 536854 894169' below it. The 'OMRON' logo is at the bottom. A 'CE' mark and a 'Ro' (REACH) mark are on the right side.</p>	<p data-bbox="789 1209 1094 1239">S-mark standards display.</p>  <p>The image shows the same label as before, but with a red box highlighting a new 'S' mark (UL S-mark) next to the barcode. The 'S' mark is a circle containing the letter 'S'. The 'OMRON' logo and other text remain the same.</p>