



TECHNICAL BULLETIN

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FA-A-0423-A

Redisplay of UL Listed Mark for One Category on the Q64AD, Q68ADV, and Q68ADI Related to Defects in Application Documents for the UL Certification

■Date of Issue

October 2023

■Relevant Models

Q64AD, Q68ADV, and Q68ADI (All special coated products for each model are included.)

Thank you for your continued support of Mitsubishi Electric programmable controllers, MELSEC-Q series. Removal of UL Listed Mark from the Q64AD, Q68ADV, and Q68ADI has informed in the technical bulletin of FA-A-0420 "Temporary Removal of UL Mark From Q64AD, Q68ADV, and Q68ADI Due to Defects in Application Documents for the UL Certification". These models have earned the UL Listed Mark by correction of the application documents. This technical bulletin informs you that the UL Listed Mark has been displayed on them again.

UL Listed Mark: Represents that UL Solutions has tested representative samples of a product and determined that the product meets specific, defined requirements.

1 SCHEDULE

The change will be applied to the products manufactured on and after November 2023.

Note that, depending on the time of your order, products with the UL Listed Mark, products without the UL Listed Mark, and products with the UL Listed Mark for one category may be mixed. We appreciate your kind understanding.

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2 DETAILS ON THE CHANGE

The UL Listed Mark for one category is displayed on the rating plate of the Q64AD, Q68ADV, and Q68ADI.

The mark for ANSI/ISA-12.12.01*1 is scheduled to be redisplayed in January 2024. We will notify you again in a technical bulletin when we resume displaying the mark.

*1 Products that comply with ANSI/ISA-12.12.01 standard can be used in hazardous locations for Class I, Division 2, Groups A, B, C, and D (CI I, Div. 2, Gp. A, B, C, D). Refer to the following technical bulletin for UL listed programmable controllers.

📖 Changes in the rating plate and the front part of modules according to the compliance with ANSI/ISA-12.12.01 (FA-A-0159)

The following table lists the definition of hazardous locations.

Location	Description
Class I	Locations where flammable gases, flammable liquid-produced vapors, or combustible liquid-produced vapors may be present in the air in quantities sufficient to produce explosive or ignitable mixtures
Division 2	Locations where ignitable concentrations of flammable gases, vapors, or liquids are not likely to exist under normal operating conditions
Group A	Combustible gas/vapor (Example: Acetylene)
Group B	Combustible gas/vapor (Example: Hydrogen)
Group C	Combustible gas/vapor (Example: Ethylene)
Group D	Combustible gas/vapor (Example: Propane)

2.1 Change of Information Displayed on the Rating Plate

The UL Listed Mark for one category is displayed on the rating plate of the Q64AD, Q68ADV, and Q68ADI.

Product with the UL Listed Mark	Product without the UL Listed Mark (Before change)	Product with the UL Listed Mark for one category (After change) (Not for ANSI/ISA-12.12.01)
		

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2.2 Change of Information Displayed on the Packaging Box

The words "UL Noncompliance" are deleted from the packaging label.

To identify products with the UL Listed Mark for the category, a blue identification sticker (changed from the yellow one) is stuck on the packaging box.

Product with the UL Listed Mark	Product without the UL Listed Mark (Before change)	Product with the UL Listed Mark for one category (After change) (Not for ANSI/ISA-12.12.01)
		

2.3 Change of Applicable Tightening Torque for Solderless Terminals

In accordance with UL instructions, the applicable tightening torque for solderless terminals has been changed, and the required tightening torque for UL listed products has been added. Thus, the contents of the manual (Before Using the Product) included with the relevant models will be changed.

Applicable tightening torque for solderless terminals: 0.42 to 0.58N·m → 0.42 to 0.59N·m^{*1}

*1 For UL Listed products, fasten terminals with a tightening torque of 0.59N·m.

There is no problem with product performance even with conventional tightening torque.

In addition, the following manual will be changed.

📖 Analog-Digital Converter Module User's Manual (SH-080055)

3 RELEVANT MODELS

Product	Model
Analog-digital converter module	Q64AD ^{*1}
	Q68ADV ^{*1}
	Q68ADI ^{*1}

*1 Special coated products are included.

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REVISIONS

Version	Date of Issue	Revision
A	October 2023	First edition

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