

Sales and Service

Notification Regarding MELSEC-Q Series Motion Safety Sub-Function System in Conjunction with Enforcement of EU Machinery Regulation

Thank you for your continued patronage of the Mitsubishi Electric AC servo system. With the repeal of the Machinery Directive ((EU)2006/42/EC) and the enforcement of the Machinery Regulation ((EU) 2023/1230) from January 20, 2027, we will remove the CE mark and UKCA mark from the safety signal module Q173DSXY.

1. Target Model

Q173DSXY

2. Reason for the Removal of the CE Mark and UKCA Mark

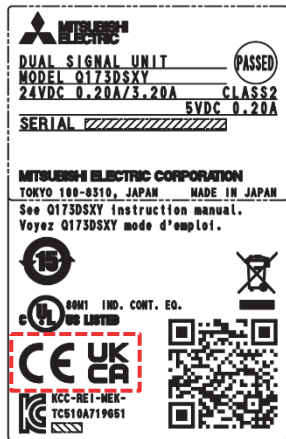

The MELSEC-Q series Motion safety sub-function system, which consists of the safety signal module Q173DSXY, the PLC CPU module QnUD(EH)CPU, the Motion CPU module Q17nD(S)CPU(-S1), and the main base unit Q3nDB, does not meet the relevant requirements of the EU Machinery Regulation, which will be enforced from January 20, 2027. Therefore, we will remove the CE mark and UKCA mark from the safety signal module Q173DSXY.

For units other than the Q173DSXY, since they can be used for purposes other than the safety sub-function, we will continue to display the CE mark and UKCA mark, provided that the relevant requirements of the EMC Directive and RoHS Directive are met.

3. Details of the Change

The CE mark and UKCA mark will be removed from the rating plate and packaging label. Note that this change does not affect the functions and performance of the products.

Table 1. Changes in the rating plate

Part to be changed	Before	After
Rating plate	 <p>The 'Before' rating plate for the Q173DSXY model includes the following information: Mitsubishi Electric logo, 'DUAL SIGNAL UNIT (PASSED) MODEL Q173DSXY', '24VDC 0.20A/3.20A CLASS2', '5VDC 0.20A', 'SERIAL' with a redacted field, 'MITSUBISHI ELECTRIC CORPORATION TOKYO 100-8310, JAPAN MADE IN JAPAN', 'See Q173DSXY instruction manual. Voyez Q173DSXY mode d'emploi.', 'RoHS' and 'REACH' symbols, 'UL' logo with '00M1 IND. CONT. EQ. NO LISTED', 'CE' and 'UKCA' marks, 'KCC-RE1-MEX-TCS10A7196S1', and a QR code.</p>	 <p>The 'After' rating plate for the Q173DSXY model is identical to the 'Before' version, but the 'CE' and 'UKCA' marks are removed. The space previously occupied by these marks is now empty, with a red dashed box indicating the removal area.</p>

Date of issue	Title	
June 2026	Notification Regarding MELSEC-Q Series Motion Safety Sub-Function System in Conjunction with Enforcement of EU Machinery Regulation	Mitsubishi Electric Corp., Nagoya Works 1-14, Yada-minami 5-chome, Higashi-ku, Nagoya 461-8670 Tel.: +81 (52) 721-2111 Main line

Table 2. Changes in the packaging label

Part to be changed	Before	After
Packaging label	 <p>The 'Before' label for model Q173DSXY 1CX105 includes a barcode, M/C: 1CX10526051201, L/N: 111111, S/N: 12345678901234567, and a date of 2026/5/12. It features a UKCA mark and a CE mark.</p>	 <p>The 'After' label for model Q173DSXY 1CX105 includes a barcode, M/C: 1CX10526051201, L/N: 111111, S/N: 12345678901234567, and a date of 2026/5/12. The UKCA and CE marks are enclosed in a red dashed box, indicating they will be removed.</p>

4. Schedule

This change will be made sequentially from the September 2026 production.

5. Precautions

The models listed under "1. Target Model" do not meet the relevant requirements of the EU Machinery Regulation. Therefore, importation into the European Union and the United Kingdom will be prohibited from January 20, 2027. However, these restrictions may not apply in cases where the purpose is for repair, maintenance, etc. For the final eligibility of importing the product into the European Union and the United Kingdom, we kindly ask you to confirm and make your own judgment.

6. Request to Customers

If you require products that display the CE mark and UKCA mark, please place your order by August 2026.

In addition, we have already announced the discontinuation of the PLC CPU module QnUD(EH)(*). The High-speed Universal model QCPU and QnUDVCPU do not support safety sub-function. If you require a new safety sub-function system, please place your order by the order deadline.

* Production Discontinuation of Some MELSEC-Q Series CPU Modules (FA-A-0418)