

Change in EMC Measures with Update of Harmonized Standards for Electromagnetic Compatibility (EMC) Directive and Low Voltage Directive

■Date of Issue

May 2022

■Relevant Models

Tension controllers

Thank you for your continued support of Mitsubishi Electric tension controllers.

We are informing you that the harmonized standards for Electromagnetic Compatibility (EMC) Directive and Low Voltage Directive, with which the tension controllers comply, are updated. With the update, a ferrite core has been added for EMC measures of a specific model.

Please note that there is no change in the general specifications, performance specifications, and external dimensions of the tension controllers.

1 RELEVANT MODELS

Product	Model
Tension controller	LE-30CTN, LE-10WTA-CCL, LD-10WTB-CCL
Tension meter	LM-10WA-CCL
Option	LM-10WA-TAD, LM-10WA-485, LM-10WA-USB, LD-8EEPROM, LD-10WTB-DCA

2 DETAILS ON THE UPDATE

2.1 Update of Harmonized Standards for EMC Directive and Low Voltage Directive

The current harmonized standard for EMC Directive EN55011:2009/A1:2010 expires on 4 May 2022, and the current harmonized standard for Low Voltage Directive EN61010-1:2010 also expires on 30 May 2022. After the expiration, the harmonized standard for EMC Directive is updated to EN61000-6-4:2007/A1:2011 and the harmonized standard for Low Voltage Directive to EN61010-1:2010/A1:2019.

The requirements for compliance with UKCA marking are the same as those with EC Directive (CE marking).

Relevant model		Details on the update	
Product	Model	Before update	After update
Tension controller	LE-30CTN	<ul style="list-style-type: none"> EMC Directive: EN55011:2009/A1:2010 EN61000-6-2:2005 Low Voltage Directive: EN61010-1:2010 	<ul style="list-style-type: none"> EMC Directive: EN61000-6-4:2007/A1:2011 EN61000-6-2:2005 Low Voltage Directive: EN61010-1:2010/A1:2019
	LE-10WTA-CCL LD-10WTB-CCL	<ul style="list-style-type: none"> EMC Directive: EN55011:2009/A1:2010 EN61000-6-2:2005 	<ul style="list-style-type: none"> EMC Directive: EN61000-6-4:2007/A1:2011 EN61000-6-2:2005
Tension meter	LM-10WA-CCL		
Option	LM-10WA-TAD LM-10WA-485 LM-10WA-USB LD-8EEPROM LD-10WTB-DCA		

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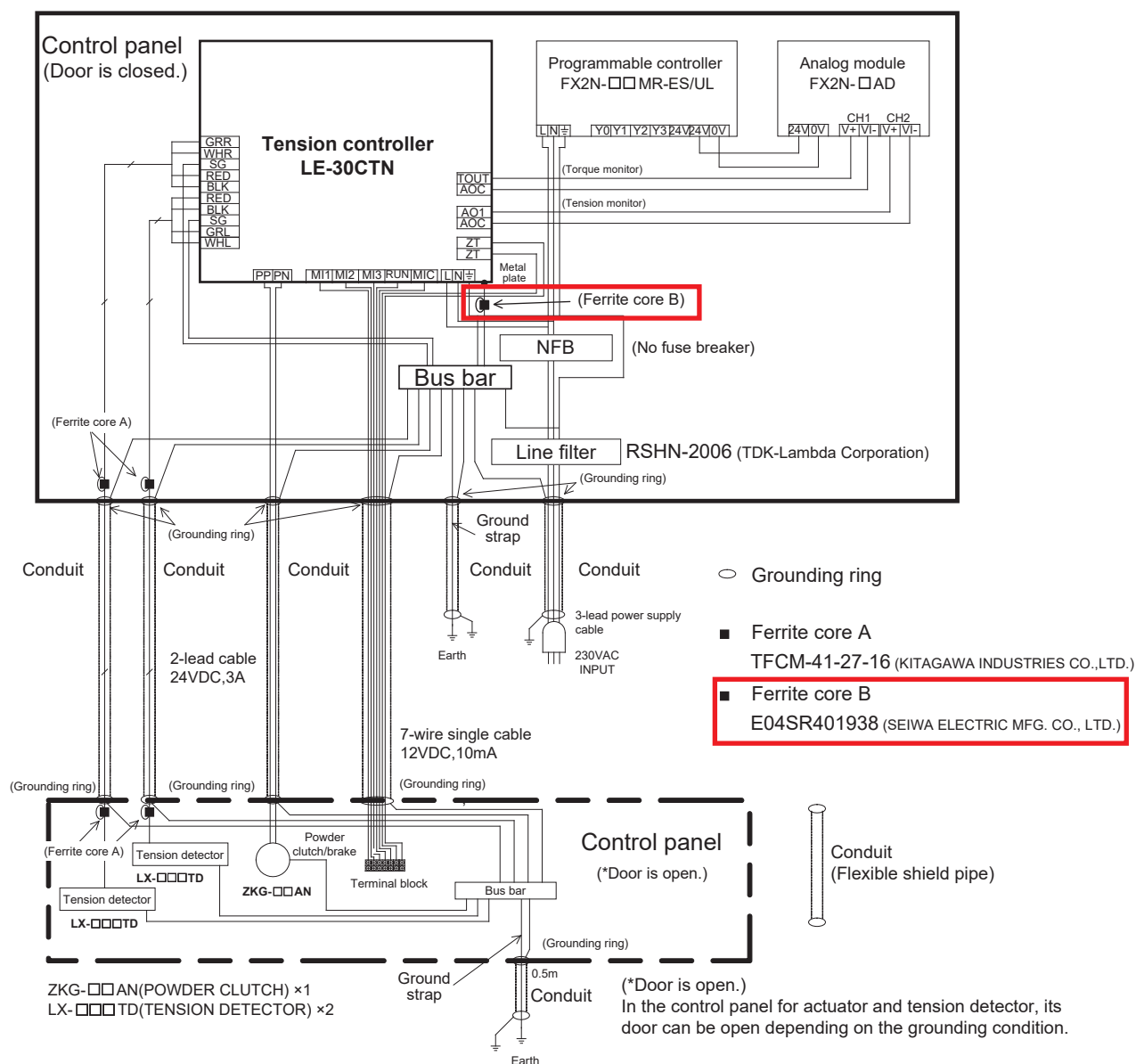
2.2 Change in EMC Measures

With the update of the harmonized standards, the ferrite core has been added for the EMC measures of the LE-30CTN. (Refer to the red frame in the connection example for the EMC measures below.)

For other relevant models than the LE-30CTN, there is no change in the EMC measures.

The relevant models comply with EC Directive (CE marking) and UKCA marking, however, this does not guarantee that a mechanical system including these models will comply with EC Directive (CE marking) and UKCA marking. Compliance with EMC Directive and Low Voltage Directive of the entire mechanical system should be checked by the user/manufacturer.

Connection example for EMC measures



3 CHANGEOVER PERIOD

The change applies to the products to be shipped in May 2022 and after.

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REVISIONS

Version	Date of Issue	Revision
A	May 2022	First edition

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