

Deferred Action Notice

Announcing: Publication of CSA Standard C22.2 No. 286-23, Industrial Control Panels and Assemblies

	Standard Number	Standard Title	Effective Date	Class Numbers	Notice Title	Supersedes/Supplements
	CSA Standard C22.2 No. 286-23	Industrial Control Panels and Assemblies	2025-01-15	3211 07, INDUSTRIAL CONTROL EQUIPMENT – Miscellaneous Apparatus ** 3211 09, INDUSTRIAL CONTROL EQUIPMENT - Special Industrial - Control Panels	Industrial Control Equipment No. 84	N/A

DETAILS

Standard:

CSA Standard C22.2 No. 286-23

Industrial Control Panels and Assemblies

Programs:

Certification Classes 3211 07 and 3211 09

Who is affected:

Manufacturers of Industrial Control Panels under both model certification and Special Industrial Control Panel (SICP) program.

Standard Publication Date:

April 2023

The standard edition or amendments announced in this Deferred Action Notice may be used for CSA certification as of the issue date of this document.

Deferred Action Notice Effective Date:

Jan 15, 2025

Applications for new certifications and updates to existing certifications received on or after the stated Effective Date shall be evaluated to the edition of the standard announced in this Deferred Action Notice.

View my Listings:
<https://www.csagroup.org/testing-certification/product-listing/>

Enter your Master Contract # and the class numbers associated with this Notice to determine which of your products are affected.

NEXT STEPS:

Already Certified:

It is not necessary to re-submit for test and/or evaluation to maintain certification of existing CSA certified products. Applications for updates received on or after the stated Effective Date shall be evaluated to the edition of the Standard announced in this Deferred Action Notice.

If you have any questions or are looking for Certification:

Please contact your CSA Customer Care Manager, Rodger Redd, at Rodger.Redd@csagroup.org.



TECHNICAL SUMMARY:

Overview of changes:

New Edition of Standard to incorporate major changes as outlined in Table 2, below.

- The major changes to this edition include
- a) expansion of requirements for connection means;
 - b) additional requirements for ferrules and pigtail adapters;
 - c) clarifications for requirements for Class 2 (non-safety control devices) components;
 - d) additional compliance criteria for control panels and assemblies for use outside of the assumed 0–40° C ambient range;
 - e) expansion of the short-circuit current rating (SCCR) determination criteria;
 - f) revisions to required SCCR markings;
 - g) removal of motor control centre requirements; and
 - h) addition of strain relief and abnormal operations tests.

In addition, numerous edits have been performed throughout the document to provide additional information and clarify certain requirements.

Effect on Approvals:

It is not necessary to re-submit for test and/or evaluation to maintain certification of existing CSA certified products. Applications for updates received on or after the stated Effective Date shall be evaluated to the edition of the Standard announced in this Deferred Action Notice.

Details of Affected Class Numbers can be found in Table 1.

Details of Revised Requirements can be found in Table 2.

TABLE 1 – AFFECTED CLASS NUMBERS

Class Number	Title
3211 07	INDUSTRIAL CONTROL EQUIPMENT – Miscellaneous Apparatus
3211 09	INDUSTRIAL CONTROL EQUIPMENT - Special Industrial - Control Panels

TABLE 2 – MAJOR REVISIONS

Clause(s)	Changes
4.4	Expansion of requirements for connection means;
4.6.12	Use of wiring ferrules and pin (pigtail) adapters
4.12.9	Criteria for control panels and assemblies for use outside of the assumed 0–40° C ambient range;
4.13	Expansion of Assembly Short Circuit Ratings
5.6 5.28	Short Circuit Markings
5.27	Markings for ICPs employing automatic reset overload relays
5.30	Markings for ICPs employing supplementary protectors