STANDARDS UPDATE NOTICE (SUN)
ISSUED: February 3,

STANDARD INFORMATION

Standard: UL 857 / CSA C22.2 No. 27
Standard ID:
Busways [UL 857:2025 Ed.14]
Busways [CSA C22.2#27:2025 Ed.7]
Previous Standard ID:
Busways [UL 857:2009 Ed.13+R:09Apr2021]
Busways (R2022) [CSA C22.2#27:2009 Ed.6+U1]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **September 10, 2027**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

Overview of Changes: Revision of Minimum Clearance and Creepage Distances for 601 – 1000 V. Specific details of new/revised requirements are found in table below.

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.

STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		Additions to existing requirements are underlined and deletions are shown ~~lined out~~ below.
1	Info	**Scope**
1.1		This Standard applies to service-entrance, feeder, and branch-circuit busways and associated fittings rated at ~~600 V~~ 1000 V or less, 6000 A or less, and intended for use in accordance with the Canadian Electrical Code, Part I (CE Code, Part I), NFPA 70®, National Electrical Code® (NEC®), and the Mexican Standard for Electrical Installations (Utility), NOM-001-SEDE. These requirements do not apply to metal enclosed bus intended for connecting switchgear assemblies for use in prefabricated electric distribution systems.
	Info	**CONSTRUCTION**
6	Info	**General**
6.35		A busway fitting marked for service equipment use shall comply with UL 869A / CSA 22.2 No. 14, Clause 4.17, as follows: e) Equipment marked for use as service equipment for 3-phase, 4-wire, wye-connected services rated in excess of 150 V to ground, but not exceeding ~~600 V~~ 1000 V phase-to-phase, shall be provided with ground fault protection, if rated 1000 A or more, complying with UL 869A / CSA 22.2 No. 14, Clause 4.17.
38	Info	**Rated Voltages**
38.1		The voltage rating for a busway or fitting shall be ~~600 V~~ 1000 V or less.
47	Info	**Instructions for Installation, Operation, and Maintenance**
47.2		To provide for system performance testing as required, each ground fault relay or apparatus incorporating a ground fault relay or its functions intended for protection of a solidly grounded wye service rated more than 150 V to ground but not exceeding ~~600 V~~ 1000 V phase-to-phase shall be provided with information sheets describing system testing instructions and with a test form. The form shall include a space for the date the test was performed and the results and shall state that the form should be retained by those in charge of the building's electrical installation in order to be available to the authority having jurisdiction. The instruction shall include the following items and shall basically prescribe only that information necessary to perform the tests. The instructions shall be separate and apart from any more elaborate test detail that the manufacturer may wish to provide. The instructions shall specify that: a) The interconnected system shall be evaluated in accordance with the busway manufacturer's detailed instructions, and that this evaluation shall be undertaken by qualified personnel.

CLAUSE	VERDICT	COMMENT
		b) The proper location of the sensors around the bus of the circuit to be protected shall be determined. This can be done visually, with knowledge of which bus is involved. c) The grounding points of the system shall be verified to determine that ground paths do not exist that would bypass the sensors. The use of high-voltage testers and resistance bridges may be suggested. d) The installed system shall be tested for correct response by the application of full-scale current into the equipment to duplicate a ground fault condition, or by equivalent means such as by a simulated fault current generated by a coil around the sensors or a separate test winding in the sensors. e) The results of the test shall be recorded on the test form provided with the instructions.
		Clearance and Creepage Distances
Table 7.1		*Updated clearance and creepage distances for 601-1000 V.* See standard for details.
		Clearance and creepage distances in switch and circuit breaker fittings
Table 7.2		*Updated clearance and creepage distances for 601-1000 V.* See standard for details.