

STANDARD INFORMATION

Standard: UL 104

Standard ID: Elevator Door Locking Devices and Door or Gate Closed Detection Means [UL 104:2023 Ed.12]

Previous Standard ID: Elevator Door Locking Devices and Contacts [UL 104:2016 Ed.11+R:17Nov2020]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **November 30, 2025**

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 Reports not updated to this version by the effective date above will be withdrawn.

Note: UL 104 is now harmonized with CSA B44.11.

Overview of Changes: Addition of temperature test. 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
1	Info	Scope These requirements do not cover: a) Devices with a rated voltage exceeding 600 volts; b) <u>Hoistway door interlock retiring cam device as defined by ASME A17.1/CSA B44;</u> <u>or</u> c) <u>Devices for use only in platform lifts within the scopes of CSA B355 and ASME A18.1.</u>
	Info	CONSTRUCTION
6	Info	General <i>New clause added;</i> Electrical components shall be suitable for the intended application and shall: a) Comply with the requirements of the pertinent standards covering such components; or b) Be specifically evaluated for the intended use.
7	Info	Enclosure <i>New clause added;</i> 7.7 Polymeric enclosures shall comply with Polymeric Enclosures, Clause 6 of CSA B44.1/ASME A17.5.
10	Info	Insulating Material 10.1 Insulating materials for the support or separation of live parts shall be investigated and determined acceptable for the purpose. They shall be able to withstand the most severe normal and abnormal conditions likely to be encountered in service, including the influence of the arc formed by the operation of contacts, <u>insulating materials shall comply with Insulating Materials, Clause 11 of CSA B44.1/ASME A17.5.</u>
13	Info	Hoistway Door Interlocks <i>New clause added;</i> 13.1 Interlocks shall be constructed in accordance with the requirements for 2.12.2.4.1, 2.12.2.4.2, 2.12.2.4.3, 2.12.2.4.4, and 2.12.2.4.5, which are located in 2.12.2.4, General Design Requirements of ASME A17.1/CSA B44.



CLAUSE	VERDICT	COMMENT
14	Info	Hoistway Door Combination Mechanical Locks and Closed Detection Means <i>New clause added;</i>
14.1		Hoistway-door combination mechanical locks and closed detection means shall be constructed in accordance with the requirements for 2.12.3.4.2, 2.12.3.4.3, and 2.12.3.4.5, which are located in 2.12.3.4, General Design Requirements of ASME A17.1/CSA B44.
15	Info	Car Door Interlocks <i>New clause added;</i>
15.1		Car door interlocks shall be constructed in accordance with the requirements for 2.12.2.4.1, 2.12.2.4.2, 2.12.2.4.3, 2.12.2.4.4, and 2.12.2.4.5, which are located in 2.12.2.4 of ASME A17.1/CSA B44, and requirements for 2.14.4.2.6(c), which are located in 2.14.4.2, Car Door and Gate Closed Detection Means and Car Door Interlocks of ASME A17.1/CSA B44.
16	Info	Car Door and Gate Closed Detection Means <i>New clause added;</i>
16.1		Car door and gate closed detection means shall be constructed in accordance with the requirements for 2.14.4.2.4 and 2.14.4.2.5, which are located in 2.14.4.2, Car Door and Gate Closed Detection Means and Car Door Interlocks of ASME A17.1/CSA B44.
	Info	PERFORMANCE <i>New section added;</i>
17		General Requirements See standard for details.
26		Temperature Test <i>New clause added;</i>
26.1		The temperature and dielectric strength test of CSA C22.2 No. 14 or UL 508 shall be conducted as applicable.
	Info	MARKINGS
27	Info	General <i>New clause added;</i>
27.1		Where a product is intended for use in Canada, equipment shall additionally be marked in French in accordance with Annex A.



CLAUSE	VERDICT	COMMENT
27.2		<p>Each device shall be marked with a label which is permanently secured to the device in a location that is visible when the device is installed. The label shall include the following:</p> <p><u>b) A statement of compliance with CSA B44.11/UL 104;</u> <u>g) If the device has been type tested for use on a private residence elevator, the label shall indicate the restricted use with a marking of " For private residence elevator use only" or the equivalent.</u></p>
