

STANDARD INFORMATION

Standard: UL 962A

Standard ID:

Furniture Power Distribution Units [UL 962A:2018 Ed.5+R:01Sep2020]

Previous Standard ID:

Furniture Power Distribution Units [UL 962A:2018 Ed.5+R:02Jul2020]

Furniture Power Distribution Units [UL 962A:2018 Ed.5+R:16Jul2019]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: All reports must comply with the September 1, 2020 revision prior to March 31, 2023

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.

Overview of Changes:

July 2, 2020

- New supplement SD for furniture power distribution units for portable (movable) work space tables

September 1, 2020

- Addition of requirements for enclosure cap or cover over the reset actuator (i.e. stem) of a supplementary protector

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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>
The following changes reflect the July 2, 2020 revision		
		<i>New supplement added;</i>
Supplement SD		The requirements of this Supplement cover indoor-use-only furniture power distribution units (FPDUs) for fixed mounting to a portable (movable) work space table in accordance with Article 518 of National Electrical Code, NFPA 70, and to commercial office training/conference rooms and similar venues intended for fewer than 100 persons. See standard for details.
The following changes reflect the September 1, 2020 revision		
7	Info	Enclosure
7.1	Info	General
		<i>New clause added;</i>
7.1.5.1		An FPDU that employs an enclosure cap or cover over the reset actuator (i. e. stem) of a supplementary protector shall not interfere with trip and/or reset function of the supplementary overcurrent protector.
16	Info	Supplementary Overcurrent Protection
		<i>New clause added;</i>
16.4.1		An FPDU that employs an enclosure cap or cover over the reset actuator (i. e. stem) of a supplementary overcurrent protector shall comply with Impact test 38.1.3.1 followed by the Supplementary Overcurrent Protector Check Test, 38.5.



CLAUSE	VERDICT	COMMENT
38	Info	Impact Tests
38.1	Info	General
		A FPDU employing a metallic or polymeric enclosure is to be subjected to the impact tests described in 38.2.1 – 38.5.7 without any occurrence of the following:
38.1.1		a) Creation of any openings in the enclosure that result in accessibility of live parts, when evaluated in accordance with Enclosure Accessibility and Accessibility of Live Parts, Section 9; b) Any condition that is capable of affecting the intended mechanical performance of the FPDU; c) Any other condition that increases the risk of electric shock; and d) Spacings shall not be less than those described in Spacings, Section 20. <u>e) Prevention of either "trip" and/or "reset" function when an FPDU employs an enclosure cap or cover over the reset actuator (i.e. stem) of a supplementary overcurrent protector.</u>
		<i>New clause added;</i>
38.1.3.1		With reference to 38.1.1(e), there shall not be cracking or denting of the enclosure that affects the function of the supplementary overcurrent protector as a result of the Drop Impact Test, 38.2. After being subjected to the Drop Impact Test described in 38.2, each device shall then be subjected to 38.5, Supplementary Overcurrent Protector Check Test.
		<i>New section added;</i>
38.5		Supplementary overcurrent protector check test
38.5.1		When tested in this section, the supplementary overcurrent protector shall operate as intended when the test circuit is closed.
38.5.2		Each of the three samples previously subjected to Drop Impact Test, 38.2, are to be tested through a mated shorted attachment plug.
38.5.3		A receptacle protected by a 20 A circuit breaker for branch circuit protection is to be connected to a flush receptacle installed in a flush device box with a metal faceplate.
38.5.4		The FPDU under test is to be plugged-into the flush receptacle.
38.5.5		An attachment plug shall be assembled to a 2-ft (0.6 m) length of 14 AWG (2.1 mm ²) flexible cord or cable. The load conductors shall be shorted together at the end. The plug shall then be inserted in the FPDU under test.
38.5.6		For all test operations, the test circuit shall be closed by an external switch on mated devices.
38.5.7		The supplementary overcurrent protector of the FPDU under test shall be reset and the test repeated five times.