

STANDARD INFORMATION

Standard: UL Subject 2745

Standard ID: Outline of Investigation for Meter Socket Adapters for Communications Equipment [UL SUBJECT 2745:2024 Ed.2]

Previous Standard ID: Outline of Investigation for Meter Socket Adapters for Communications Equipment [UL SUBJECT 2745:2011 Ed.1]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **August 1, 2026**

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 Reports not updated to this version by the effective date above will be withdrawn.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

- Revisions to disconnecting devices
- Revisions to General Conditions for Tests

Specific details of new/revise 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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>
16	Info	Disconnect Device
		A suitable disconnecting means shall be provided that disconnects the primary power to all circuits other than the main current path through the meter jaws.
		Exception No. 1: A separate disconnecting means is not required if the circuits are installed as part of a meter socket or meter socket extender such that access can only be gained with the meter removed and power to the circuits is disconnected by removal of the meter.
		<u>Exception No. 2: A separate disconnecting means is not required if the meter socket adapter is intended to be serviced only by the service persons when the adapter is completely removed from the meter socket. The following requirements shall also be met:</u>
16.1		<u>1) The adapter shall not have any user accessible circuits, including interconnection circuits, external secondary circuits, or any other circuit deemed accessible per 9.1. Accessibility is determined after the meter socket adapter is installed in a meter socket and a meter is placed in the adapter's jaws.</u>
		<u>2) The adapter shall be marked "DANGER – Adapter must be completely de-energized before attempting to service the adapter. Removal of meter does not de-energize circuit." or equivalent.</u>
		<u>3) The lettering in the marking described above shall not be less than 3/32 inch (2.4 mm) in height.</u>
		<u>4) The marking shall be located where it will be clearly visible after the adapter and meter are installed.</u>
		<u>5) Installation instructions provided in accordance with 26.1 shall state that the adapter cannot be serviced while connected to the meter socket. Directions shall also be provided that explain how to disconnect the adapter from the meter socket to perform any maintenance or service actions.</u>
18	Info	General Conditions for Tests
18.1	Info	Temperature range
		Outdoor equipment shall be investigated over a temperature range of -30°C to +46°C.
18.1.1		<u>Outdoor equipment shall be investigated over a temperature range of -30°C to +40°C or to the maximum rated ambient temperature range if lower than -30°C to +40°C as specified by the manufacturer. Provisions for heating by radiation from the sun (solar loading) are not included.</u>