



UL 1773

STANDARD FOR SAFETY

Termination Boxes

[ULNORM.COM](https://ulnorm.com) : Click to view the full PDF of UL 1773 2025

[ULNORM.COM](https://ulnorm.com) : Click to view the full PDF of UL 1773 2025

UL Standard for Safety for Termination Boxes, UL 1773

Sixth Edition, Dated October 9, 2018

Summary of Topics

This reaffirmation of ANSI/UL 1773 dated January 8, 2025 is being issued to update the title page to reflect the most recent designation as a Reaffirmed American National Standard (ANS). No technical changes have been made.

Text that has been changed in any manner or impacted by ULSE's electronic publishing system is marked with a vertical line in the margin.

The requirements are substantially in accordance with Proposal(s) on this subject dated November 8, 2024.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form by any means, electronic, mechanical photocopying, recording, or otherwise without prior permission of ULSE Inc. (ULSE).

ULSE provides this Standard "as is" without warranty of any kind, either expressed or implied, including but not limited to, the implied warranties of merchantability or fitness for any purpose.

In no event will ULSE be liable for any special, incidental, consequential, indirect or similar damages, including loss of profits, lost savings, loss of data, or any other damages arising out of the use of or the inability to use this Standard, even if ULSE or an authorized ULSE representative has been advised of the possibility of such damage. In no event shall ULSE's liability for any damage ever exceed the price paid for this Standard, regardless of the form of the claim.

Users of the electronic versions of UL's Standards for Safety agree to defend, indemnify, and hold ULSE harmless from and against any loss, expense, liability, damage, claim, or judgment (including reasonable attorney's fees) resulting from any error or deviation introduced while purchaser is storing an electronic Standard on the purchaser's computer system.

No Text on This Page

ULNORM.COM : Click to view the full PDF of UL 1773 2025

OCTOBER 9, 2018
(Title Page Reprinted: January 8, 2025)



ANSI/UL 1773-2020 (R2025)

1

UL 1773

Standard for Termination Boxes

Previous numbered and unnumbered editions of standards covering termination boxes have been published since 1988.

First Edition – April, 1988
Second Edition – May, 1993
Third Edition – April, 1998
Fourth Edition – August, 2007
Fifth Edition – October, 2011

Sixth Edition

October 9, 2018

This ANSI/UL Standard for Safety consists of the Sixth Edition including revisions through January 8, 2025.

The most recent designation of ANSI/UL 1773 as a Reaffirmed American National Standard (ANS) occurred on January 8, 2025. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

Comments or proposals for revisions on any part of the Standard may be submitted to ULSE at any time. Proposals should be submitted via a Proposal Request in the Collaborative Standards Development System (CSDS) at <https://csds.ul.com>.

Our Standards for Safety are copyrighted by ULSE Inc. Neither a printed nor electronic copy of a Standard should be altered in any way. All of our Standards and all copyrights, ownerships, and rights regarding those Standards shall remain the sole and exclusive property of ULSE Inc.

© 2025 ULSE Inc. All rights reserved.

No Text on This Page

ULNORM.COM : Click to view the full PDF of UL 1773 2025

CONTENTS

INTRODUCTION

- 1 Scope5
- 2 Components5
- 3 Units of Measurement6
- 4 Undated References6
- 5 Glossary6

CONSTRUCTION

- 6 Enclosure6
 - 6.1 General6
 - 6.2 Conduit connections7
 - 6.3 Provision for support7
 - 6.4 Enclosures containing inlet assemblies8
- 7 Mounting Post or Pedestal8
 - 7.1 General8
 - 7.2 Cover9
 - 7.3 Grade level9
 - 7.4 Wire opening9
 - 7.5 Instructions9
 - 7.6 Mounting provision9
 - 7.7 Luminaires (illuminated mounting posts and pedestals)10
- 8 Ventilation Openings10
- 9 Wire Bending Space11
- 10 Wiring Terminals15
 - 10.1 General15
 - 10.2 Tightening torque17
 - 10.3 Screw terminals17
 - 10.4 Multiple pole power inlets17
 - 10.5 Single pole power inlets18
- 11 Current-Carrying Parts19
- 12 Termination Bases19
- 13 Bases and Supports – Insulation Material19
- 14 Provision for Bonding and Grounding19
- 15 Spacings21
 - 15.1 General21
 - 15.2 Insulating barriers23

PERFORMANCE

- 16 Short-Circuit Current Test25
- 17 Strength Test of Insulating Base and Support26
- 18 Dielectric Voltage-Withstand Test26
 - 18.1 General26
 - 18.2 Clamped insulating joint27
 - 18.3 Insulating barriers27
- 19 Torque Deformation Test27
- 20 Beam Loading Deflection Test29
- 21 Deflection Test29
- 22 Conduit Connection Tests30
- 23 Rain and Splash Test30
- 24 Inlet Assemblies30

24.1	General.....	30
24.2	Temperature test – inlet assemblies	30
25	Illuminated Mounting Posts and Pedestals	31
25.1	Temperature test	31

RATINGS

26	General	31
27	Short-Circuit Current.....	32

MARKINGS

28	General	32
28.1	Location	32
28.2	External conditions	33
28.3	Terminals	33
28.4	Short circuit	34
28.5	Special openings	35
28.6	Use on line side of service equipment.....	35
28.7	Grade level	36
28.8	Conduit connections	36
28.9	Inlet assemblies.....	36
28.10	Illuminated mounting posts and pedestals.....	37
29	Permanence of Marking.....	37

APPENDIX A Standards for Components

ULNORM.COM : Click to view the full PDF of UL 1773 2025