



UL 5B

STANDARD FOR SAFETY

Strut-Type Channel Raceways and Fittings

UL Standard for Safety for Strut-Type Channel Raceways and Fittings, UL 5B

Second Edition, Dated April 14, 2004

Summary of Topics

This revision of ANSI/UL 5B 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 UL'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 December 21, 2018.

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1

UL 5B

Standard for Strut-Type Channel Raceways and Fittings

Prior to the first edition, the requirements for the products covered by this standard were included in the Standard for Surface Metal Raceways and Fittings, UL 5.

First Edition – March, 1997

Second Edition

April 14, 2004

This ANSI/UL Standard for Safety consists of the Second Edition including revisions through February 26, 2019.

The most recent designation of ANSI/UL 5B as a Reaffirmed American National Standard (ANS) occurred on February 26, 2019. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

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CONTENTS

INTRODUCTION

1 Scope	4
2 General	4
2.1 Components	4
2.2 Units of measurement	5
2.3 Undated references	5
2.4 Installation	5
2.5 Nonmetallic parts	5
2.6 Boxes	5
3 Glossary	5

CONSTRUCTION

4 General	6
5 Fittings	7
6 Wiring Devices	7
7 Grounding and Bonding	7
8 Specific Materials and Dimensional Limits	9
9 Corrosion Protection	9
9.1 General	9
9.2 Zinc coating	10
9.3 Nonmetallic coating	11

PERFORMANCE

10 Fixture Support Test	11
11 Receptacle Secureness Test	12
12 Security of Knockout Test	12
13 Thickness of Zinc Coating Test	12
14 Electrical Resistance Test	15
14.1 Measured on individual pieces	15
14.2 Measured across joints	15
15 Fault Current Test	15
16 Short Circuit Test	17

INSTALLATION INSTRUCTIONS

17 Details	17
------------------	----

MARKINGS

18 Details	18
------------------	----

APPENDIX A

Standards for Components.....	A1
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INTRODUCTION

1 Scope

1.1 These requirements cover strut-type channel raceways and fittings for use only in dry locations and in accordance with the National Electrical Code, NFPA 70.

1.2 Strut-type channel raceways of the following thicknesses are intended to enclose circuits operating at potentials not exceeding 600 volts between conductors:

- a) Strut-type channel raceways that are entirely of metal having a channel (base) at least 0.071 inch (1.81 mm) thick and a metal closure strip (cover) at least 0.040 inch (1.02 mm) thick.
- b) Strut-type channel raceways consisting of a nonmetallic closure strip (cover) on a metal channel (base) of the thickness indicated in 1.2(a).

1.3 These requirements do not apply to cable trays, wireways, or surface metal or nonmetallic raceways.

2 General

2.1 Components

2.1.1 Except as indicated in 2.1.2, a component of a product covered by this standard shall comply with the requirements for that component. See Appendix A for a list of standards covering components used in the products covered by this standard.

2.1.2 A component is not required to comply with a specific requirement that:

- a) Involves a feature or characteristic not required in the application of the component in the product covered by this standard, or
- b) Is superseded by a requirement in this standard.

2.1.3 A component shall be used in accordance with its rating established for the intended conditions of use.

2.1.4 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.