



UL 5C

STANDARD FOR SAFETY

Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits

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UL Standard for Safety for Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits, UL 5C

Third Edition, Dated April 22, 2016

Summary of Topics

This new edition of ANSI/UL 5C includes the following changes in requirements:

Revision to Installation Instructions

Updates to External Standards References

The revision requirements are substantially in accordance with Proposal(s) on this subject dated February 26, 2016.

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1

UL 5C

Standard for Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits

First Edition – April, 1998
Second Edition – August, 2004

Third Edition

April 22, 2016

This ANSI/UL Standard for Safety consists of the Third Edition.

The most recent designation of ANSI/UL 5C as an American National Standard (ANSI) occurred on April 22, 2016. 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 UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at <http://csds.ul.com>.

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CONTENTS

INTRODUCTION

1 Scope	4
2 Components	4
3 Units of Measurement	4
4 Undated References	5
5 Installation	5
6 Glossary	5

CONSTRUCTION

7 General	6
8 Materials	6
9 Dimensional Limits	6
10 Knockouts	8
11 Mounting	10
12 Covers	10

PERFORMANCE

13 General	10
14 Security of Knockout and Break-Away Tab Test	10
15 Mold Stress Test	11
16 Crush Test	11
17 Impact Test	12
18 Flammability Test	12
19 VW-1 (vertical wire) flame test/ASTM D 2671 Method C (modified)	14
20 Hinge Cycling Test	19

MARKINGS

21 Details	19
------------------	----

INSTALLATION INSTRUCTIONS

22 Details	20
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INTRODUCTION

1 Scope

1.1 These requirements cover surface raceways and fittings for use with Class 2 data, signal, control circuits, and optical fiber cable. These raceway systems are intended for mechanical protection and routing of circuits. They are not intended for applications which require the use of a raceway in accordance with the National Electrical Code, NFPA 70.

1.2 These requirements do not apply to cable trays, wireways, or metal or nonmetallic raceways that are intended for use on Class 1 circuits.

1.3 These requirements do not apply to the conductors, connectors, or similar items that are used as part of the circuit.

2 Components

2.1 A component of a product covered by this standard shall comply with the requirements for that component.

Exception: It is not required that a component comply with a specific requirement that:

a) Involves a feature or characteristic not required in the application of that component in the product covered by this standard or

b) Is superseded by a requirement in this standard.

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

2.3 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.

3 Units of Measurement

3.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.