

June 17, 2021

1

UL 1007

Outline of Investigation for [Prefabricated Assemblies] Wiring Assemblies

Issue Number: 1

June 17, 2021

Summary of Topics

This is the First issue of the Outline of Investigation for [Prefabricated Assemblies] Wiring Assemblies, which covers prefabricated wiring systems comprised of certified electrical components that could be field assembled and inspected by an Authority Having Jurisdiction (AHJ), but are assembled in the factory prior to field installation.

UL's Outlines of Investigation are copyrighted by UL LLC. Neither a printed nor electronic copy of an Outline of Investigation should be altered in any way. All of UL's Outlines of Investigation and all copyrights, ownerships, and rights regarding those Outlines of Investigation shall remain the sole and exclusive property of UL LLC.

COPYRIGHT © 2021 UL LLC

This document is only permissible for use by MOHD AKHTAR of AECOM. 8/11/2022 2:22:26 PM

No Text on This Page

This document is only permissible for use by MOHD AKHTAR of AECOM. 8/11/2022 2:22:26 PM

CONTENTS

1	Scope	5
2	General	5
2.1	Components	5
2.2	Undated references	5
2.3	Units of measurement	5

CONSTRUCTION

3	Grounding	6
3.1	Enclosures	6
3.2	Receptacles and Switches	6
3.3	Isolated Ground	6
3.4	Metallic Junction Boxes	6
3.5	Grounding Conductor Continuity	6
3.6	Grounding Conductor Connections	6
3.7	Polarization and Color Coding	7
4	Use of Grounded Conductor	7
5	Wiring Methods	7
6	Conduit and Tubing	8
6.1	Electrical Metallic Tubing	8
6.2	Flexible Metal Conduit	8
6.3	Liquid-tight Flexible Nonmetallic Conduit	8
6.4	Liquid-tight Flexible Metal Conduit	8
6.5	Armored Cable	9
6.6	Metal-Clad Cable	9
6.7	Conduit/Tubing Wire Fill	9
7	Receptacles	9
7.5	Position of Receptacle Faces	9
7.6	Number of Receptacles	10
7.7	Faceplates	10
8	Splicing Wire Connectors	10
9	Switches	10
9.1	General	10
9.2	Grounding	10
10	Outlet Boxes	10
11	Branch Circuit Protection	11
12	Other Wiring Devices	11
12.1	General	11
12.2	Device Rating	11

PERFORMANCE

13	General	11
----	---------------	----

MARKING

14	General	11
----	---------------	----

INSTRUCTIONS

15	Installation and Operating Instructions	12
----	---	----

This document is only permissible for use by MOHD AKHTAR of AECOM. 8/11/2022 2:22:26 PM



Documents

Document Sharing Hub

UL COPYRIGHTED MATERIAL – NOT AUTHORIZED FOR FURTHER REPRODUCTION OR DISTRIBUTION WITHOUT PERMISSION FROM UL INC.

APPENDIX A (informative)

Standards for Components	13
--------------------------------	----

This document is only permissible for use by MOHD AKHTAR of AECOM. 8/11/2022 2:22:26 PM



Documents

Document Sharing Hub

**UL COPYRIGHTED MATERIAL – NOT AUTHORIZED FOR FURTHER
REPRODUCTION OR DISTRIBUTION WITHOUT PERMISSION FROM UL INC.**