1

UL 2695

OUTLINE OF INVESTIGATION

FOR

DC RATED ATTACHMENT PLUGS AND OUTLET DEVICES INTENDED FOR
USE WITH INFORMATION TECHNOLOGY AND TELECOMMUNICATION
EQUIPMENT INSTALLED IN RESTRICTED ACCESS LOCATIONS

Issue No. 2

April 2, 2013

Summary of Topics

This is the second issue of the Outline of Investigation for DC Rated Attachment Plugs and Outlet Devices Intended for Use with Information Technology and Telecommunication Equipment Installed in Restricted Access Locations which includes revisions to the Printed Wiring Board (PWB) Ground Path Test and deletion of the Printed Circuit Board (PWB) Conductor Overcurrent Test.

COPYRIGHT © 2013 UNDERWRITERS LABORATORIES INC.

No Text on This Page

CONTENTS

INTRODUCTION	
1 Scope	
2 Components	
3 Units of Measurement	
4 Undated References	
5 Glossary	
CONSTRUCTION	
C. Canaval	0
6 General	
7 Insulating Materials	
7.1 General	
7.2 Flammability	
7.3 Electrical properties	
7.4 Thermal properties	
8 Current Carrying Parts	
9 Grounding and Dead-Metal Parts	
10 Terminals	
10.1 General	
10.2 Wire-binding screw terminals	
10.3 Conductor leads	
11 Flexible Cord	
12 Spacings	
13 Protection from Electric Shock and Energy Hazards	
14 Mating and Intermateability	
15 Interlock	
16 Devices Intended to Accommodate a Fuse	
17 Printed Wiring Board	
18 Resistance to Corrosion	17
PERFORMANCE	
19 Representative Devices	
20 Comparative Tracking Index Test	
21 Glow Wire Test	
22 Dielectric Voltage-Withstand Test	
23 Mold Stress Relief Test	
24 Dielectric Voltage-Withstand Test (Repeated)	
25 Moisture Absorption Resistance Test	
26 Security of Blades Test	
27 Insulation Resistance Test	
28 Conductor Secureness Test	
29 Crush Test	
30 Short-Time Current Test	
31 Printed Wiring Board (PWB) Ground Path Test	
32 Overload Test	
33 Temperature Test	
34 Dielectric Voltage-Withstand Test	
35 Resistance to Arcing Test	

36 Fuseholder Temperature Test	
36 Fuseholder Temperature Test	
36.2 Attachment plugs	
36.3 Outlet devices	
36.4 Procedure	
37 Resistance to Corrosion Test	
RATINGS	
38 General	28
MARKINGS	
39 General	
40. Disconnecting Under Lead	20