

DDB Unlimited, Inc.

LETTER REPORT

SCOPE OF WORKS

ETL Listing Evaluation of the Type 4 I.T.E Wireless Cabinet, models R7, OD or WOD followed by YY, followed by ZZ followed by CW, followed by D.

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LETTER REPORT

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Subject: ETL Listing Evaluation of the Type 4 I.T.E Wireless Cabinet, models R7, OD or WOD followed by YY, followed by ZZ followed by CW, followed by D.

Dear Mr. Mahorney,

This letter report represents the results of our evaluation of the above referenced product to the requirements contained in the following standards:

Standard for Safety for Information Technology Equipment Safety Part 1: General Requirements, ANSI/UL 60950-1, Issued: 2007/03/27 Ed: 2 Rev: 2014/10/14

Information Technology Equipment Safety Part 1: General Requirements (R2012) [CSA C22.2#60950-1:2007 Ed.2 +A1; A2]

Enclosures for Electrical Equipment, Environmental Considerations [UL 50E:2015 Ed.2]

Enclosures for Electrical Equipment, Environmental Considerations [CSA C22.2#94.2:2015 Ed.2]

SECTION 1

PRODUCT DESCRIPTION

According to the report 102671938DAL-001 models listed in the report are: R7, OD or WOD followed by YY, followed by ZZ followed by CW, followed by D, where:

YY is the height of the outdoor cabinet range in inches to be 17 to 84; and ZZ is the depth of the outdoor cabinet as: D= 17", DX= 25", DS=29", DD= 34", DDX= 42"; where the width of the R7/OD is equal to 25.5"; and the width of the WOD is equal to 29.5".

The CW trailing letters represent that the radio, battery, power supply, and electronics may be installed in the cabinet.

The -D trailing letter represents optional direct air cooling.

All the Outdoor Cabinet Assembly (starting with R7 & OD) may have an Air-Conditioner, 240 VAC to 48 VDC Power Supply, an Ethernet Network Switch, an SNMP Link Module, 2 Power Control Units and up to 10 pieces of Back Hall Equipment (Radio Transceivers) or T1 Phone Lines.

The I.T.E Wireless Cabinet may be provided with a Type 3R enclosure or Type 4 enclosure.

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The type 4 enclosure is described in the sections below.

SECTION 2

PHOTOGRAPHS OF TYPE 4 ENCLOSURE



External view of Type 4 enclosure.



Enclosure Type 4 with door open.



Internal views of Type 4 enclosure

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SECTION 3

CRITICAL COMPONENTS OF TYPE 4 ENCLOSURE



4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
21	42	Enclosure Type 4	Various	Various	Aluminum 5052-H32; 0.125" T; max dimensions 29.5"W x 25"L x 78"H; meets Type 4 requirements (with gasket-item 43); rabbets are min. 0.125" thick; Doors secured by continuous hinges.	NR
22	43	Gasket	Various	Various	Dimensions - see illustrations 3 and 4 in Section 7. Approved for use in UL 50E Continuous Compression and Periodic Recompression applications for Type 4 enclosures gasket can be used only. Material: synthetic rubber; allowed temperature range -35°C to +100°C. Solid rubber density 1.33 g/cm ³ , Tensile Strength ≥7, Elongation ≥350%. Sponge rubber closed cell density 0.6 g/cm ³	UR

SECTION 4

SUMMARY

The enclosure that meets the above constructional requirements (Sections 2 and 3 above) has been evaluated and approved as compliant with the Type 4 rating per Listing Report 102671938DAL-001.

If there are any questions regarding the results contained in this report, or any of the other services offered by Intertek, please do not hesitate to contact your dedicated Intertek Project Manager.

<p>Completed by: Zbigniew Musial</p> <p>Title: Compliance Investigator</p> <p>Signature: </p> <p>Date: 02/14/2018</p>	<p>Reviewed by: Brandon DeVaul</p> <p>Title: Project Reviewer</p> <p>Signature: </p> <p>Date: 02/16/2018</p>
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