



Supplier Declaration of Compliance – AS/NZS 61439.1

We, Colterlec, declare that the Versa Distribution Boards have been designed, manufactured, and verified in accordance with the requirements of AS/NZS 61439.1 – Low-voltage switchgear and controlgear assemblies, Part 1: General rules.

This compliance statement confirms that the assemblies meet the relevant design and performance criteria as defined within the standard, ensuring safety, reliability, and suitability for use in low-voltage electrical installations.

Design Verification

Table D.1 – Verification of Requirements (AS/NZS 61439.1)

No	Characteristic to be verified	Clauses or subclause	Verification options available			Confirmation of compliance	
			Testing	Comparison with a reference design	Assessment	Method	Verification Explanation or Test Report Number
1	Strength of material and parts	10.2					
	Resistance to corrosion	10.2.2	YES	NO	NO	Test	PLUS-ES 103913
	Properties of insulating materials	10.2.3					
	Thermal stability	10.2.3.1	YES	NO	NO	Test	Non applicable. Manufactured from Steel
	Resistance to abnormal heat and fire due to internal electric effects	10.2.3.2	YES	NO	NO	Test	PLUS-ES 103913
	Resistance to normal heat and fire due to internal electric effects	10.2.3.3	YES	NO	NO	Test	Ball pressure test from IEC eddition 1 (10.2.3.2) not from AS61439
	Resistance to ultra-violet (UV) radiation	10.2.4	YES	NO	NO	Test	Not applicable for indoor enclosures
	Lifting	10.2.5	YES	NO	NO	Test	No Provision for lifting
	Mechanical impact	10.2.6	YES	NO	NO	Test	Mechanical Impact Rating not specified, Not Required, PLUS-ES 103913
	Marking	10.2.7	YES	NO	NO	Test	PLUS-ES 103913
2	Degree of protection of Enclosures	10.3	YES	NO	YES	Test	PLUS-ES 103913, AUST-EST 0826SMSEN5529

3	Clearances	10.4	YES	NO	NO	Test	Measured in accordance with table 2 pollution degree 1 AS/NZS61439
4	Creepage distances	10.4	YES	NO	NO	Test	Measured in accordance with table 2 pollution degree 1 AS/NZS61439
5	Protection against electric shock and integrity of protective circuits	10.5	YES				
	Effective continuity between the exposed conductive parts of the ASSEMBLY and the protective circuit short-circuit withstand strength of the protective circuit (Earth Conductor)	10.5.2	YES	NO	NO	Test	PLUS-ES 103913
		10.5.3	YES	YES	NO	Test	PLUS ES-103913 Brass Earth link
6	Incorporation of switching devices and components	10.6	NO	NO	YES	Assessment	Discrimination Study, Drawings, Bill of Material and Factory Acceptance Testing
7	Internal electrical circuits and connections	10.7	NO	NO	YES	Assessment	Assessment is by design and approval of Shop Drawings
8	Terminals for external conductors	10.8	NO	NO	YES	Assessment	Assessment is by design and approval of Shop Drawings
9	Dielectric properties	10.9					
	Power-frequency withstand voltage Impulse withstand voltage	10.9.2	YES	NO	NO	Test	PLUS-ES 103913
		10.9.3	YES	NO	YES	Test	PLUS-ES 103913
10	Temperature-rise limits 10.10	10.10	YES	YES	YES	Assessment	PLUS-ES 103913, NYLEC SMS 020721, NYLEC SMS 060721, NYLEC SMS 070721
11	Short-circuit withstand strength	10.11	YES	YES	NO	Test	PLUS-ES 103913
12	Electromagnetic compatibility (EMC)	10.12	YES	NO	YES	Test	PLUS-ES 103913
13	Mechanical operation	10.13	YES	NO	NO	Test	PLUS-ES 103913, Factory Acceptance Testing
NOTES							
1	AS/NZS3439 series of tests are valid for verification to AS/NZS61439 where testing procedures and requirements are equivalent or more onerous than the new 61439 standard						