

1.0 Reference and Address			
Report Number	104600572COQ-001	Original Issued: 24-Jan-2023	Revised: None
Standard(s)	IEEE Standard for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Preferred Ratings and Related Required Capabilities for Voltages Above 1000 V [IEEE C37.06:2009]		
	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V [IEEE C37.09:2018+C1]		
	Switchgear Assemblies [CSA C22.2#31:2018 Ed.11]		
Applicant	Tavrida Electric North America Inc.	Manufacturer 1	Tavrida Electric North America Inc.
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2.0 Product Description	
Product	Vacuum Circuit Breaker
Brand name	NA
Description	The product is an indoor switching module (ISM), single phase or three phase, for installation in an end product. It is intended to be used with a Control Module (CM) that is also manufactured by the Applicant to control a for ISM contacts control and monitoring.
Models	TNA_ISM15_MD_1(150), TNA_ISM15_MD_1(210), TNA_ISM15_MD_3, TNA_ISM15_HD_1(210), TNA_ISM15_HD_1(275).
Model Similarity	TNA_ISM15_MD_1... and TNA_ISM15_HD_1... are 3-phase breakers with three single pole breakers mechanically ganged together. TNA_ISM15_MD3... is a single phase single pole breaker. ISM -indoor switching module, 15 -15 kV MD -medium duty HD -heavy duty _1 -three phase _3 -single phase (150), (210), (275) -center to center distance in millimeters between three phase poles
Ratings	TNA_ISM15_MD_1... ----- 15 kV, 1.25 kA, 50/60 Hz, 3-phase TNA_ISM15_MD_3... ----- 15 kV, 1.25 kA, 50/60 Hz TNA_ISM15_HD_1... ----- 15 kV, 3.15 kA, 50/60 Hz, 3-phase
Other Ratings	See Illustrations 3 and 4 for other ratings
Conditions of Acceptability	The products covered in this Report are incomplete in construction features or limited in performance capabilities and are intended for use and evaluation in other products. Consideration should be given to the following when the component is used in or with another product. (Typical Conditions of Acceptability to be considered for recognized component products follow:) 1. Suitability of the enclosure should be evaluated when installed in the end product. 2. A current transformer/protective relay combination that would sense current levels and subsequently provide a trip signal signal to the Control Module (CM) must be provided. 3. For use with a Listed compatible Tavrada Control Module (CMx).