

# Test Certificate

# CESI

**Test Certificate of** Operating duty tests - Temperature rise test - Mechanical operations tests - Cable charging current interrupting tests - Transformer magnetizing current interrupting tests

**Apparatus** Solid dielectric three-phase automatic recloser

**Designation** VIPER-ST

Rated voltage 38 kV ; Rated normal current 800 A ; Rated frequency 60 Hz

**Manufacturer** G&W ELECTRIC COMPANY  
Blue Island, IL - USA

**Tested for** G&W ELECTRIC COMPANY  
Blue Island, IL - USA

**Date(s) of tests** from July 2, 2003 to July 10, 2003

**Tested by** CESI S.p.A. - Milano - ITALY

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in the reference documents, identified in this certificate, has been subjected to the series of proving tests in accordance with

**ANSI C37.60-1981**

Sub-clauses 6.3.4, 6.9, 6.11, 6.12 and 6.13

This Test Certificate has been issued by CESI in accordance with above mentioned Standards.

The results are shown in the record of Proving Tests and the oscillograms attached in the Test Reports. The values obtained and the general performance are considered to comply with the above Standards and to justify the ratings assigned by the Manufacturer as listed on page No.2 .

The Certificate applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any pages on which are stated the endorsed ratings of the apparatus tested, are permitted without written permission from CESI.

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**Prepared** PeC - P. BECCARINI

**Verified** PeC - A. GEROLI

**Approved** PeC - V. SCARIONI

*Francesco Beccarini*  
*A. Geroli*

**CESI**  
CENTRO ELETTROTECNICO SPERIMENTALE ITALIANO  
Business Unit  
Prove e Componenti  
Il Responsabile del Laboratorio