

# Type Test Certificate

## of Electrical and Thermal Performance

Test object	Polymer-housed metal-oxide surge arresters
Designation	PA-DH Rated voltage 3 kV to 54 kV Nominal discharge current 10 kA Rated frequency 50/60 Hz
Manufacturer	Joint-Stock Company "Polymer-Apparat" 195427, Saint- Petersburg, Ak. Kostantinova str.,1- Russian Federation
Tested for	Joint-Stock Company "Polymer-Apparat" 195427, Saint- Petersburg, Ak. Kostantinova str.,1- Russian Federation
Date(s) of tests	From November 20th, 2017 to April 3th, 2018
Tested by	CESI S.p.A. Via Rubattina 54 20134 Milano Italy

The test object, constructed in accordance with the description, drawings and photographs incorporated in this document has been subjected to the series of proving tests in accordance with STL Guides and:

IEC 60099-4 (2014-06)  
Sub-clauses 10.8.3 to 10.8.8 and 10.8.15

This Type Test Certificate has been issued by CESI following exclusively the STL Guides.  
The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the Manufacturer as listed on the ratings page.  
The Certificate applies only to the test object. The responsibility for conformity of any equipment having the same designations with that tested rests with the Manufacturer.

This Certificate comprises 7 sheet in total.

February 11, 2019

Date of issue

Faccheni Fabio  
B9002899 3081 AUT  
STL Member Laboratory

The Manager - Arcidiaco Lorenzo  
B9002899 821814 APP  
STL Member

Document Digitally Signed

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the endorsed ratings of the test object, are permitted without written permission from CESI.  
The authenticity of this document is guaranteed by the integrity of hologram.

