

Type Test Certificate

of Short-Circuit and Switching Performance

Test object	Three-phase 170 kV 40 kA SF6 (GIS) gas-insulated metal-enclosed circuit-breaker with three-phase in one enclosure and with common operating mechanism.
Designation	LW24-170 Rated voltage 170kV ; Rated normal current 3150 A ; Rated frequency 50 Hz
Manufacturer	XI'AN XD Switchgear Electric Co., LTD XI'AN, China No. 509, Daqing Road, Xi'An, Shaanxi Province, P.C. 710077, P.R.C. Xi'An ShaanxiChina (LVA)
Tested for	XI'AN XD Switchgear Electric Co., Ltd. – China
Date(s) of tests	December 18, 2017 to April 24, 2018
Tested by	CESI S.p.a. Via R. Rubattino, 54 20134 Milan, 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 62271-203 (2011)
Sub-Clauses 6.6, 6.101

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 6 sheet in total.

December 11, 2018

Date of issue

Faccheni Fabio
B8022320 3061 AUT
STL Member Laboratory

The Manager - Arcidiaco Lorenzo
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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.

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