ATTESTATION OF CONFORMITY

10052304 OPE-INC 17-2307

Issued to:  
ABB AB  
SA Products Byggnad nr 391  
Finnslätt  
SE-721 59 VÄSTERÅS  
SWEDEN

For the product:  
REL 670  
Type: IED PRP Doubly Attached  
Included firmware: 2.1.1.2  
Serial Number: T1718039

The product has not been shown to be non-conforming to:  
**IEC 62439-3 Ed.3 (IS 2016)**

Industrial communication networks – High availability automation networks – Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR)

The product has not been shown to be non-conforming to the specified protocol standard. The conformance test has been performed according to IEC 62439-3 Edition 3 (IS 2016) with and the ABB AB default Protocol Implementation Conformance Statement for PRP “Protocol Implementation Conformance Statement for the PRP-1 interface as in IEC 62439-3 Ed.3 Section 6 for ABB 670 series version 2.1”

<table>
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<th>• PRP documentation</th>
<th>• PRP transmission</th>
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<td>• PRP configuration</td>
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This Attestation is granted on account of tests made at location of DNV GL Netherlands B.V. in Arnhem, The Netherlands and performed with DNV GL UniSwitch version 1.2 (June 2017). The results, including remarks and limitations, are laid down in DNV GL report no. 10052304 INC 17-2306.

The tests have been carried out on one single specimen of the product, submitted by ABB AB. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DNV GL is not the responsibility of DNV GL.

Arnhem, June 21, 2017

P. Ciocci  
Business Director  
Intelligent Networks and Communication

Issued by:  
G. Webber  
Verification Manager

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