

ATTESTATION OF CONFORMITY

10052304 OPE-INC 17-2409

Issued to:

ABB Oy Medium Voltage Products Muottitie 2 FI-65101 Vaasa Finland For the product:

REF615

Type: IED PRP Doubly Attached Firmware version: 5.1.10

Serial Number: 1VHR91318490

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 default Protocol Implementation Conformance Statement for PRP "Protection and Control Relay REF615 PROTOCOL IMPLEMENTATION CONFORMANCE STATEMENT for the PRP functionality revision A 27 Jun 2017"

- PRP documentation
- PRP configuration
- PRP transmission
- PRP reception

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. 10033304 INC 17-1828.

The tests have been carried out on one single specimen of the product, submitted by ABB Oy. The Attestation does not include an assessment of the manufacturer's production. The manufacturer's production process has not been assessed.

Arnhem, July 14, 2017

P. Cióci

Business Director

Intelligent Networks and Communication

Issued by:

DNV·GL

DNV KEMA is now DNV GL

G. Webber

Verification Manager

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