ATTESTATION OF CONFORMITY

No. 10035055-INC 17-1995

Issued to:
WAGO Kontakttechnik GmbH & Co. KG
Hansastraße 27
32423, Minden
Germany

for the product:
PFC200 Controller
Type: IEC 104 Controlling station,
Included software:
- IEC 104 Application software version: 02.04.18

With the implemented communication protocol:

IEC 60870-5-104 ed.2 (IS 2006)

Network Access for IEC 60870-5-104 using standard transport profiles in Standard direction and the
WAGO Kontakttechnik GmbH & Co. KG Telecontrol Protocol Implementation Conformance Statement
(PICS) according to IEC 60870-5-104 Client version 1.0.0.

The product has not been shown to be non-conforming to the specified protocol standard, including the
interface requirements.

End-to-End data element tests for the information and control points as described in manufacturer
Protocol Implementation Conformance Statement (PICS) have been performed on the product’s protocol
implementation. Functional tests in controlled mode are performed for the following levels:

- Station initialization
- Cyclic data transmission
- Acquisition of events
- General interrogation
- Clock synchronization
- Command transmission
- Transmission of Integrated Totals

The test campaign did not reveal any errors in the product’s protocol implementation.

This Attestation is granted on account of tests made at location of WAGO Kontakttechnik GmbH & Co. KG
in Minden, Germany and performed with DNV GL UniGrid Telecontrol Simulator version 1.1.1. The results,
including remarks and limitations, are laid down in DNV GL report no. 10035055- INC 17-1994.

The tests have been carried out on one single specimen of the product, submitted by WAGO
Kontaktechnik GmbH & Co. KG. 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, March 17 2017

P. Cioci
Global Service Line Leader
Operational Excellence of Power Systems

Issued by:

H. A. Guerreiro Dias Evaristo
Consultant

IMPORTANT: Remarks apply to this implementation. See the resulting report for full details. Publication of this document is
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