



IEC 61850 Certificate Level A¹

No. 30520014-Consulting 2005-0653

Issued to:
GE Multilin
215 Anderson Ave.,
Markham, ON
Canada
L6E 1B3

For the product:
F60 Feeder Relay
Model nr. F60-H03-HPH-F8F-H6L-P5E
Firmware v4.61



The product has not shown to be non-conforming to:

IEC 61850-6, 7-1, 7-2, 7-3, 7-4 and 8-1 Communication networks and systems in substations

The conformance test has been performed according to IEC 61850-10 with product's protocol and model implementation conformance statement: "UR IEC 61850 ACSI Conformance Statement And Logical Nodes, Revision 4" and extra information for testing (PIXIT) "Protocol implementation extra information for testing (PIXIT) of the IEC 61850 communication interface in UR Family".

The following IEC 61850 conformance blocks have been tested with a positive result (number of relevant and executed test cases / total number of test cases as defined in the UCA International Users Group Device Test procedures):

Basic Exchange (19/23) Data Sets (2/5)	Unbuffered Reports (11/13) Buffered Reports (14/15)
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KEMA grants this Certificate on account of tests performed at the AEP/Dolan laboratories in Columbus (OH), U.S.A. These tests are performed with UniCASim 61850 version 2.12.01 test system running test suite "61850 Conformance Test v1.17", UniCA 61850 analyzer version 4.11.01. The test is based on the UCA International Users Group Device Test Procedures version 1.1. The results are described in KEMA report: No. 30520014-Consulting 2005-0654.

The tests have been carried out on one single specimen of the above-mentioned products, submitted by GE Multilin. The Certificate does not include an assessment of the manufacturer's production process. Conformity of his production process with the specimen tested by KEMA is not the responsibility of KEMA.

Arnhem, September 2, 2005

S.J.L.M. Janssen
Managing Director KEMA Consulting

E.F. Melenhorst
Senior Test Engineer

1 Level A – Independent Test Lab with certified ISO 9000 or ISO 17025 Quality System

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