

# IEC 61850 Certificate - IEC 61850 Certificate #5147

## SIPROTEC 5 6MU85 [Siemens AG]

12/15/2021 11:52 AM - Bruce Muschlitz

<b>Status:</b>	Approved	<b>Test Document:</b>	
<b>Priority:</b>	Normal	<b>Certificate Name:</b>	10300967-INC 21-3335
<b>61850 Edition:</b>	Edition 2 Amd 1	<b>Certificate Hash:</b>	SHA256: 27AD98B8E09645C8F89350E32157FA E7C19588600E596BC61AEBB296A783 7BBA
<b>61850 Tested Aspects:</b>	Sampled Values, Server	<b>Vendor Artifact File Name:</b>	
<b>Company:</b>	Siemens AG	<b>Vendor Artifact Hash:</b>	
<b>Address:</b>	Wernerwerkdamm 5 13629 Berlin Germany	<b>Umbrella Organization:</b>	Siemens
<b>Product:</b>	SIPROTEC 5 6MU85	<b>Optional Reservation Test:</b>	No
<b>HW Version:</b>	6MU85-DAAA-AA0-0AAAA0-A90211-13 111A-EBD000-000AC0-CB1BA2	<b>Serial Number:</b>	
<b>SW Version:</b>	V08.82	<b>Publisher Legacy Variants:</b>	F4000S1I4U4, F4800S1I4U4
<b>Key Words:</b>	Merging Unit	<b>Publisher Preferred Rates:</b>	F4800S2
<b>Test Procedure Version:</b>	1.1	<b>Publisher Preferred Variants:</b>	F4800S2I4U4;F4800S2I16U16
<b>IEC 61850 Blocks Certified:</b>	Basic Exchange (B1a), Buffered Reporting (B6), Data Set Definition (B2+), Data Sets (B2), Direct Control (12a), Enhanced Direct Control (12c), Enhanced SBO Control (12d), File Transfer (B14), GOOSE Publish (9a), GOOSE Subscribe (9b), SBO Control (12b), Sampled Value Publish (11a), Sampled Value Subscribe (11b), Service Tracking (B15), Setting Group (B4), Setting Group Definition (B4+), Substitution (B3), Time sync PTP (B13b), Time sync SNTP (B13a), Unbuffered Reporting (B5)	<b>Subscriber Legacy Variants:</b>	F4000S1I4U4
<b>Certificate/Result Reviewer:</b>	Bruce.Muschlitz	<b>Subscriber Preferred Variants:</b>	F4800S2I3U3;F4800S2I16U16
<b>Approval Date:</b>	12/14/2021	<b>Subscriber Preferred Rates:</b>	F4800S2
<b>Standards Tested:</b>	61850-6, 61850-7-1, 61850-7-2, 61850-7-3, 61850-7-4, 61850-8-1, 61850-9-2, 61869-9		
<b>Current Test Lab Name:</b>	DNV Netherlands (A)		
<b>Description</b>			
Merging Unit with two IO202 modules			

### History

#1 - 12/15/2021 02:25 PM - Bruce Muschlitz

- Test Procedure Version set to 1.1

#2 - 12/17/2021 01:30 PM - Bruce Muschlitz

- Standards Tested 61850-9-2, 61869-9 added

**#3 - 12/17/2021 02:15 PM - Herbert Falk**

- IEC 61850 Blocks Certified Basic Exchange (B1a), Time sync PTP (B13b), Time sync SNTP (B13a) added
- IEC 61850 Blocks Certified deleted (Basic Exchange (B1), Time Synchronization (B13))

**#4 - 06/01/2022 10:33 AM - Bruce Muschlitz**

- 61850 Tested Aspects Merging Unit added

**#5 - 06/13/2022 02:59 PM - Bruce Muschlitz**

- Publisher Preferred Variants set to F4800S2I4U4;F4800S2I16U16
- Subscriber Preferred Variants set to F4800S2I3U3;F4800S2I16U16
- Publisher Legacy Variants F4000S1I4U4, F4800S1I4U4 added
- Publisher Preferred Rates F4800S2 added
- Subscriber Legacy Variants F4000S1I4U4 added
- Subscriber Preferred Rates F4800S2 added

**#6 - 02/05/2024 08:52 AM - Herbert Falk**

- 61850 Tested Aspects Sampled Values added
- 61850 Tested Aspects deleted (Merging Unit)

**Files**

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21-3335_DNV_Siemens_6MU85_ServerEd2Amd1_Certificate.pdf	117 KB	12/15/2021	Bruce Muschlitz
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