

IEC 61850 Certificate - IEC 61850 Certificate #7278

PRS-778 Transformer Protection

07/21/2025 11:11 AM - Herbert Falk

Status:	Approved	Certificate Name:	D 092391 0056_CYG_PRS-778_IEC61850Ed2.1_Server_Certificate.pdf
Priority:	Normal	Certificate Hash:	5BB063F47C41FEDF97D3D8SHA256: E1148F43A64F51E3239F2386DBF5C52 3E4AEE2A9A8
61850 Edition:	Edition 2 Amd 1	Vendor Artifact File Name:	
61850 Tested Aspects:	Server	Vendor Artifact Hash:	
Company:	CYG SUNRI CO., LTD.	Umbrella Organization:	
Address:	No. 13, Keji North 1st Road, North Area of Hi-tech Industrial Park, Nanshan District, 518057 Shenzhen, PEOPLE'S REPUBLIC OF CHINA	Optional Reservation Test:	Yes
Product:	PRS-778 Transformer Protection	Serial Number:	CYSR3020000000218599
HW Version:	SR7260	Publisher Legacy Variants:	-
SW Version:	V2.03	Publisher Preferred Rates:	-
Key Words:	Relay	Publisher Preferred Variants:	
Test Procedure Version:	1.2	Subscriber Legacy Variants:	F4000S1I4U4, F4800S1I4U4
IEC 61850 Blocks Certified:	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), 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)	Subscriber Preferred Variants:	
Certificate/Result Reviewer:	Herbert Falk	Subscriber Preferred Rates:	F4800S2
Approval Date:	07/21/2025	Product Variants:	F4800S2I0-4U0-4
Standards Tested:	61850-6, 61850-7-1, 61850-7-2, 61850-7-3, 61850-7-4, 61850-8-1, 61850-9-2, 61869-9	Time Activated Control:	No
Current Test Lab Name:	TUV SUD China Ltd (A)		
Test Document:	Edition 2 with Amendment 1 Server Test Procedures version 1.2		

Description

"The PRS-778 is a numerical distributed transformer protection intended for protecting and monitoring various transformers of various voltage level, ranging from 1000kV to 110kV. PRS-778 can detect and clear all types of internal faults.
PRS-778 provides fast and selective protection, monitoring and control for two and three-winding transformers, auto transformers,

step-up transformers and generator-transformer block units, phase shifting transformers, special railway transformers, shunt reactors, etc. The relay can operate correctly over a wide frequency range in order to accommodate power system frequency variations during disturbances and generator start-up and shut-down."

History

#1 - 07/26/2025 07:26 AM - Herbert Falk

- Product Variants changed from F800S2I0-4U0-4 to F4800S2I0-4U0-4

#2 - 07/29/2025 07:00 AM - Herbert Falk

- Standards Tested 61850-9-2 added

Files

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