

IEC 61850 Certificate - IEC 61850 Certificate #7279

BP-2C Busbar Protection

07/21/2025 11:15 AM - Herbert Falk

Status:	Approved	Certificate Name:	D 092391 0057_CYG_BP-2C_IEC61850Ed2.1_Server_Certificate.pdf
Priority:	Normal	Certificate Hash:	SHA256: B30E8352D114ECD3CA4C731F4DD6E 9A40CE876C9C1B80EB83A4176A459C BD1AA
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:	BP-2C Busbar Protection	Serial Number:	CYSR3020000000218495
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 BP-2C is a numerical busbar differential protection intended for protecting and monitoring various busbars of various voltage level, ranging from 1000kV to 110kV. BP-2C can detect and clear all types of internal faults. BP-2C provides fast and selective protection, monitoring and control for single busbar, single busbar with single bus coupler, double			

busbar, double busbar with up to 4 bus couplers, 3/2 breaker busbar, etc. The relay can operate correctly over a wide frequency range in order to accommodate power system frequency variations during disturbances."

History

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

- Product Variants changed from F800S2I0-4U0-4 to F4800S2I0-4U0-4
- Key Words Relay added

#2 - 07/26/2025 07:27 AM - Herbert Falk

- Subscriber Preferred Rates deleted (-)

#3 - 07/29/2025 07:00 AM - Herbert Falk

- Standards Tested 61850-9-2 added

Files

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