

IEC 61850 Certificate - IEC 61850 Certificate #7276

PRS-721 Breaker Protection

07/21/2025 10:06 AM - Herbert Falk

Status:	Approved	Certificate Name:	D 092391 0054_CYG_PRS-721_IEC61850Ed2.1_Server_Certificate.pdf
Priority:	Normal	Certificate Hash:	SHA256: 49CF515C142913EC7C4D5FF8AC4264 47DDE05F63A5504987B7BA4346C64F 2833
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-721 Breaker Protection	Serial Number:	CYSR3020000000218302
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-721 is a digital breaker protection device and can be applied for all kinds of busbar arrangement of various voltage level ranging from 1000kV to 110kV. By default, breaker failure protection, voltage protection, overcurrent protection, stub protection, broken conductor check and automatic reclosing function is taken as the standard function of PRS-721.			

History

#1 - 07/26/2025 07:25 AM - Herbert Falk

- Product Variants changed from F800S2I0-4U0-4 to F4800S2I0-4U0-4
- Key Words Relay added
- Subscriber Preferred Rates deleted (-)

#2 - 07/29/2025 07:02 AM - Herbert Falk

- Standards Tested 61850-9-2 added

Files

D 092391 0054_CYG_PRS-721_IEC61850Ed2.1_Server_Certificate.pdf	2149 MB	07/21/2025	Herbert Falk
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