

Certificate registration number: G3.2201.480.2.A5

Certificate holder: Holley Technology Ltd.

Product designation: DDSY283SR, Hardware version S.1.1.0, Firmware version ESG3SD-V000201

Certification date: January 6th, 2022

This certificate indicates the above mentioned product successfully completed certification testing with regards to the reference specification ITU G.9903 (08-2017).

The certificate applies to certification profile CENELEC A and the device was configured as a PAN-Device.

Test cases have been performed as described in the test report referred to below. This certificate is granted on account of tests conducted by TÜV Rheinland in Yokohama, Japan in December 2021. The results and remarks can be found in the complete test report.

Applied tests	Performed by	Document evidence
Conformance, interoperability and performance testing according to the test specification referenced by the test report	TÜV Rheinland Japan	JP217FR3 001

The device tested is a G3-PLC CENELEC A 1-phase meter. The meter is equipped with the G3-PLC certified platform ESPLC-CEN with certificate no. G3.2102.427.1.A4. The Protocol Implementation Conformance Statement in the Annex includes the PICS related to performance and is an integral part of this certificate. This certificate is valid from January 6th 2021.

The certificate is only applicable to the product described above and permits the use of the G3-PLC[™] logo as laid down in the G3-PLC logo license agreement.

This certificate does not imply assessment of the production. This certificate shall not be defined, or used as a guarantee covering quality of a product which includes G3-PLC. The liability of the Alliance and the test laboratory or any of her representatives is excluded for any damages or losses of the certified company.

Paris, January 6th 2022

For the G3-PLC Alliance:

Marc Delandre

Chairman

Madeleine Francillard Chair Certification Program



Authenticity of this certificate can be verified at https://www.g3-plc.com/g3-plc-certification/

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Annex 1: Protocol Implementation Conformance Statement (PICS)

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Feature implementation statement

Name	Value	Description			
BAND_PLAN	CENELEC A	Indicate the band-plan supported by the device.			
FEATURE_PAN_COORDINATOR	FALSE	Indicate if the device is a PAN-Coordinator (true) or a normal device (false).			
FEATURE_COHERENT_MODULAT	FALSE	Indicate if coherent modulation is supported.			
		Indicate if an EAP-PASK server is implemented by the DUT.			
FEATURE_EAP_SERVER	FALSE	Apply only if FEATURE_PAN_COORDINATOR = true.			
FEATURE_D8PSK_MODULATION	TRUE	True / False			
FEATURE_ROUTING	TRUE	Indicate if the routing is implemented by the IUT.			
FEATURE_SECURITY	F1	Indicate the security implemented by the device. Possible values are: F1, F2.			
FEATURE_ACTIVE_SCAN	TRUE	Indicate if the active scan process is done by the IUT after power-up.			
FEATURE_PREAMBLE_COEXISTE NCE_MECHANISM	FALSE	Indicate if the preamble-based coexistence mechanism is used by the IUT.			

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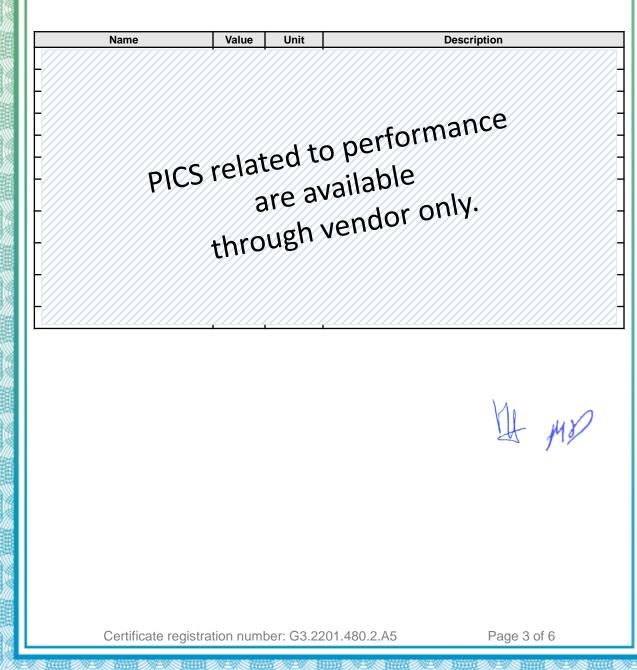
Annex 2: Protocol Implementation Conformance Statement (PICS)

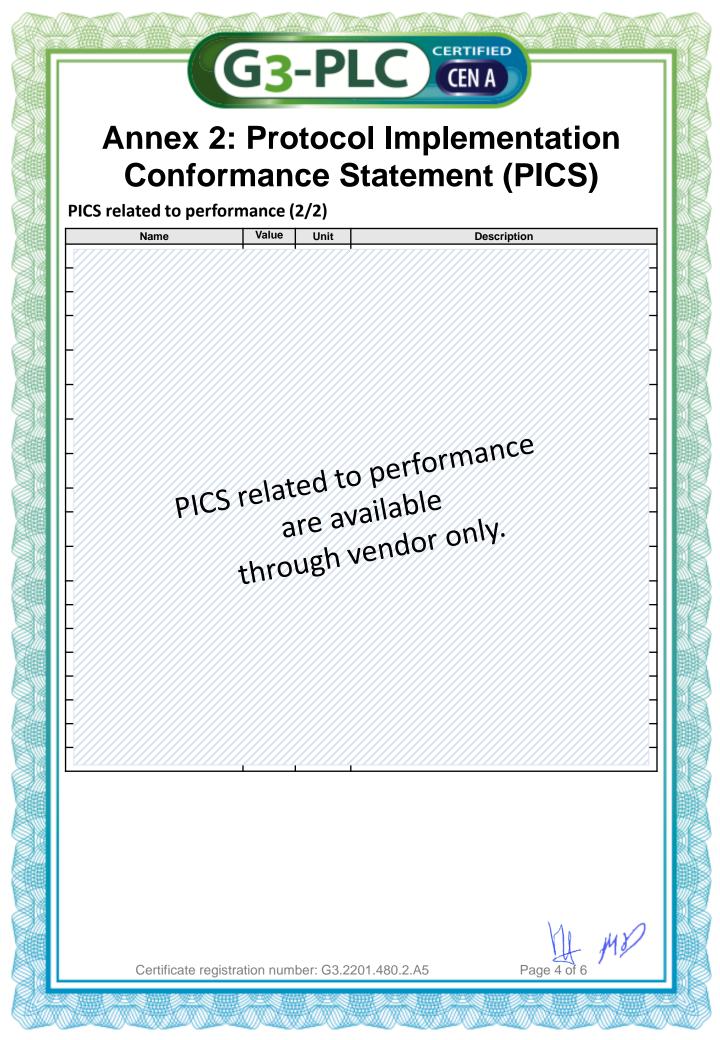
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PICS related to performance (1/2)

The device tested is a G3-PLC CENELEC A 1-phase meter. Testing was performed on phase 1.

Operating voltage applied for certification testing was 230V/50Hz.





Annex 3: Copy of test report cover sheet

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Prüfbericht-Nr.:	JP217FR3 001	Auftrags-Nr.:	1502501	44 10	Seite 1 von 52 Page 1 of 52			
Test report no.:		Order no.:	0001.10	22	Fage 1 01 52			
Kunden-Referenz-Nr.: Client reference no.:	DDSY283SR	Auftragsdatum: Order date:	2021-12	-20				
Auftraggeber: Client:	Holley Technology Ltd, No.181 Wuchang Avenue,Yuhang District Hangzhou 310023,China							
Prüfgegenstand: Test item:	Smart Meter							
Bezeichnung / Typ-Nr.: Identification / Type no.:	DDSY283SR							
Auftrags-Inhalt: Order content:	G3PLC							
Prüfgrundlage: Test specification:	G3 PLC Conformance Tests G3-PLC 1-to-1 Interoperabili G3-PLC Performance Test S G3-PLC Certification Test Pr	ity Tests Specification Suite Specification v	on v0.13					
Wareneingangsdatum: Date of sample receipt:	2021-12-21		A003107791-					
Prüfmuster-Nr.: Test sample no:	A003187771-001 to 004	Contraction of the second seco						
Prüfzeitraum: Testing period:	2021-12-21 - 2021-12-27							
Ort der Prüfung: Place of testing:	4-25-2 Kita-Yamata, Tsuzuki-ku Yokohama 224- 0021, Japan							
Prüflaboratorium: Testing laboratory:	TÜV Rheinland Japan Ltd.							
Prüfergebnis*: Test result*:	Pass							
geprüft von: tested by:		genehmigt von: authorized by:			haite			
Datum: Date: 2022-01-05	Martin Zietz	Ausstellungsdat Issue date: 2022-		Shuji Saito				
Stellung / Position:	Tester	Stellung / Positio		Reviewer				
Sonstiges / Other.								
Zustand des Prüfgegens Condition of the test item		Prüfmuster vollstä Test item complet			gt			
* Legende: P(ass) = entspricht of * Legend: P(ass) = passed a.n		nicht o.g. Prüfgrundlage(n) test specification(s)		nt anwendbar applicable	N/T = nicht getestet N/T = not tested			
Dieser Prüfbericht bezieht s auszugsweise vervielfältigt This test report only relates to	sich nur auf das o.g. Prüfmuster werden. Dieser Bericht berechti o the a.m. test sample. Without per st report does not entitle to carry a	und darf ohne Gene gt nicht zur Verwend rmission of the test ce	hmigung d lung eines	er Prüfstelle Prüfzeichen	IS.			
TÜV Rheinland Japan Ltd.	I., Global Technology Assessment Cen			(al. al. and 00.4	0021 Japan			

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