



C E R T I F I C A T E

Certificate registration number: G3.2307.577.2.C6

Certificate holder: Meter&Control

Product designation: F2-TD,
Hardware version V2.0.1, Firmware version V2.1.0

Certification date: July 21st 2023

This certificate indicates the above-mentioned product successfully completed certification testing with regards to the G3-Alliance reference specification 06/2021. The optional feature coherent mode of the G3-PLC protocol is also covered by this certification.

The certificate applies to certification profile FCC Multipurpose Worldwide 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 Laboratoire des Applications Numériques (LAN) in Tauxigny, France in June - July 2023. 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 | Laboratoire des Applications Numériques (LAN) | LAN23AF016 |

The device tested is a G3-PLC FCC 3-phase meter. The product is equipped with the G3-PLC certified platform REL-G3PLC-CPX3+TRG with certificate no. G3.2204.507.1.C6. 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 July 21st 2023.

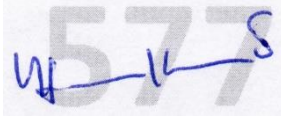
The certificate is only applicable to the product described above and permits the use of the G3-PLC™ logo as laid down in the G3-PLC logo license agreement.

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, July 21st 2023

For the G3-Alliance:


Marc Delandre
Chairman



Madeleine Francillard
Chair Certification Program

G3-Alliance



Annex 1: Protocol Implementation Conformance Statement (PICS)

Feature implementation statement

| Name | Value | Description |
|--|-------|--|
| BAND_PLAN | FCC | Indicates whether the band-plan supported by the device |
| BAND_PLAN_RF | N/A | Indicates whether the RF band plan(s) supported by the device |
| FEATURE_HYBRID_RF | FALSE | Indicates whether Hybrid PLC&RF feature is supported |
| FEATURE_PAN_COORDINATOR | FALSE | Indicates whether the device is a PAN-Coordinator (true) or a normal device (false) |
| FEATURE_COHERENT_MODULATION | TRUE | Indicates whether coherent modulation is supported |
| FEATURE_EAP_SERVER | FALSE | Indicates whether an EAP-PASK server is implemented by the DUT Apply only if FEATURE_PAN_COORDINATOR = true |
| FEATURE_D8PSK_MODULATION | TRUE | Indicates whether D8PSK modulation is supported |
| FEATURE_ROUTING | TRUE | Indicates whether the routing is implemented by the IUT |
| FEATURE_SECURITY | F1 | Indicates whether the security implemented by the device. Possible values are: F1, F2 |
| FEATURE_ACTIVE_SCAN | TRUE | Indicates whether the active scan process is done by the IUT after power-up |
| FEATURE_PREAMBLE_COEXISTENCE_MECHANISM | FALSE | Indicates whether the preamble-based coexistence mechanism is used by the IUT |

[Handwritten signatures]



Annex 2: Protocol Implementation Conformance Statement (PICS)

PICS related to performance (1/2)

The device tested is a G3-PLC FCC 3-phase meter communicating on 1 phase. Testing was performed on phase 1.

Operating voltage applied for certification testing was 3 x 230V / 50Hz.

| Name | Value | Unit | Description |
|---|-------|------|-------------|
| <p>PICS related to performance are available through vendor only.</p> | | | |



Annex 2: Protocol Implementation Conformance Statement (PICS)

PICS related to performance (2/2)

| Name | Value | Unit | Description |
|---|-------|------|-------------|
| <p>PICS related to performance are available through vendor only.</p> | | | |

Annex 3: Copy of test report cover sheet



| G3-PLC Certification Test Report | | | |
|----------------------------------|----------------------------|--------------|-----------|
| Meter&Control | F2-TD HW:V2.0.1 FW: V2.1.0 | | |
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G3-Alliance G3-PLC Product Certification Test Report

| | | | |
|-------------------------------|---------------------|------------|--|
| Vendor Name | Meter&Control | | |
| Model Name | F2-TD | | |
| Serial N° | 00844353 | | |
| HW version | V2.0.1 | | |
| FW version | V2.1.0 | | |
| Test Report # | TR_LAN23AF016 Ed.00 | | |
| Date | July 7, 2023 | | |
| CONF Tests Specification | version 0.37. | 18/01/2022 | |
| CONF Tests Suite | version 2.14. | 02/2022 | |
| IOT Tests Specification | version 0.14. | 11/11/2020 | |
| IOT Tests Suite | version 2.7. | 11/2021 | |
| PERF Tests Specification | version 0.27. | 05/03/2019 | |
| PERF Tests Suite | version 2.14. | 02/2022 | |
| Test Tool | version 3.2 | | |
| Tester Modem | version 2.0.1 | | |
| Certification Test Procedures | version 6.04 | 06/09/2022 | |
| Certification Profile | C (FCC) | | |
| Role | Meter | | |
| Overall Verdict | PASS | | |



| Initiation | Date | Description of modification | Ed. |
|------------|--------------|-----------------------------|-----|
| Omar DIOUF | July 7, 2023 | Creation | 00 |

| | Realised by | Checked by | Approved by |
|-------------|--------------|-----------------|-----------------|
| Name | Omar DIOUF | Vincent BUCHOUX | Thierry DOLIGEZ |
| Date | July 7, 2023 | July 7, 2023 | July 7, 2023 |

| Sign | | | |
|------|--|--|--|
| | | | |

The current report and the test results produced in this current are given for information only and must not be relied on by any third person for any reason.
This report contains an assessment of the apparatus carried out on samples submitted to the laboratory. The results in this report relate only to the items tested and were obtained in the period between the initial receipt of samples and the issue of the report. It should be noted that technical hardware or software modifications on the apparatus may impact the results reported in this document.

MJD
VJ